





1902

**ANNUAL REPORT**  
— OF THE —  
**TOWN *of* BILLERICA**



**RECEIPTS**  
AND  
**EXPENDITURES**  
AND  
**REPORTS**  
OF THE  
**VARIOUS**  
**DEPARTMENTS**



**For the Year Ending**  
**& February 28, 1902 &**

LOCAL  
HISTORY

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ANNUAL REPORT  
OF THE  
RECEIPTS AND EXPENDITURES  
And Reports of the Various Departments  
OF THE  
TOWN OF BILLERICA  
FOR THE  
YEAR ENDING FEBRUARY 28, 1902.



LOWELL, MASS.:  
COURIER-CITIZEN COMPANY, PRINTERS.  
1902.



## TOWN OFFICERS.

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### SELECTMEN.

CHARLES H. KOHLRAUSCH, JR.      EDWARD B. HASKELL.  
JOSIAH WRIGHT.

### TOWN CLERK.

HERBERT A. KING.

### TOWN TREASURER.

HERBERT A. KING.

### ASSESSORS.

GEORGE F. COLSON.      JOHN E. ROWELL.  
JOSIAH WRIGHT.

### OVERSEERS OF THE POOR.

SEARS J. COOK.      EDWARD B. HASKELL.  
RICHARD CONWAY.

### BOARD OF REGISTRARS.

H. A. KING, (ex-officio)      ARTHUR W. HOLDEN.  
JOHN HARRINGTON.      EDWARD L. McMAHON.

### BOARD OF HEALTH.

COBURN S. SMITH.      DR. JOHN. B. TYLER.  
DR. M. A. BUCK.

### ENGINEERS OF FIRE DEPARTMENT.

LAWRENCE W. BUCKLEY.      CHARLES A. WRIGHT.  
WARREN HOLDEN.

### SCHOOL COMMITTEE.

ALLEN BOTTOMLEY.      FREDERICK A. CASEY.  
DR. M. A. BUCK.

### WATER COMMISSIONERS.

FREDERIC S. CLARK.      J. NELSON PARKER.  
CHARLES H. KOHLRAUSCH, JR.



## TOWN HALL SINKING FUND COMMISSIONERS.

FREDERICK A. MOREY.

JOSEPH F. TALBOT.

FRANKLIN JAQUITH.

## WATER BOND SINKING FUND COMMISSIONERS.

F. S. CLARK.

J. NELSON PARKER.

C. H. KOHLRAUSCH, JR.

## SCHOOL HOUSE SINKING FUND COMMISSIONERS.

JOHN A. RICHARDSON.

JOSEPH F. TALBOT.

ALLAN BOTTOMLEY.

COLLECTOR OF TAXES.

ALBERT H. JONES.

SUPERINTENDENT OF STREETS.

EDWARD SPAULDING.

SUPERINTENDENT OF ALMSHOUSE.

JAMES E. PARKER.

CATTLE INSPECTOR.

WILLIAM H. HUTCHINS.

FENCE VIEWERS.

C. H. KOHLRAUSCH, JR.

E. B. HASKELL.

JOSIAH WRIGHT.

CONSTABLES.

MARTIN CONWAY, JR.

EVERETT W. LIVINGSTON.

PUBLIC WEIGHERS.

J. E. BLODGETT.

E. E. COLE.

GEORGE E. DUNHAM.

AUDITORS.

WILLIAM STEVENSON.

GEORGE P. GREENWOOD.

ARTHUR L. BLODGETT.

## SURVEYORS OF WOOD AND LUMBER.

JOHN E. ROWELL.

C. H. MORLEY.

CHAS. A. FOSTER.

GEO. E. SIMONDS.

V. J. HOSMER.

CHAS. R. WILD.

VALENTINE ROLLINS.

H. A. KING.

W. F. SYMMES.

KEEPER OF THE LOCKUP.

MARTIN CONWAY, JR.

E. W. LIVINGSTON.

FIELD DRIVERS.

MARTIN CONWAY, JR.

ISAAC HOPKINSON.

# Warrants and Doings of Town Meetings

For the Year 1901-1902.

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## COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

To Everett W. Livingston, Constable of the Town of Billerica,  
Greeting:

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet at the Town Hall, in said town, on Monday, March twenty-fifth, at nine o'clock in the forenoon, to act upon the following articles:

Article 1. To choose a moderator to preside at said meeting.

Art. 2. To determine the number of selectmen, assessors, overseers of the poor, auditors, constables, collector of taxes.

Art. 3. The polls will be open in accordance with the by-laws of the town for the election of the following town officers, on one ballot, for one year: town clerk, town treasurer, selectmen, assessors, overseers of the poor, collector of taxes, one or more constables; one member of the Board of Health for three years, one member of the School Committee for three years, one member of the Sinking Fund Commission for three years, one member of the Water Commission for three years, one member of the Cemetery Commission for three years, tree warden for one year.

Art. 4. To choose a member of the Bowers Fund Committee for a term of five years.

Art. 5. To see if the town will accept the revision of the jury box made by the selectmen, or do anything in relation to the same.

Art. 6. To see what method the town will adopt for the collection of taxes for the ensuing year.

Art. 7. To see what method the town will adopt for the repair of the roads and bridges for the ensuing year.



Art. 8. To see if the town will choose highway surveyors and all other necessary town officers.

Art. 9. To vote on the following question, viz.: Shall license be granted for the sale of intoxicating liquors in the Town of Billerica? Yes or No.

Art. 10. To hear and act upon the report of the selectmen, and all other town officers and committees heretofore appointed.

Art. 11. To raise and appropriate such sums of money as may be deemed necessary to defray the town's expenses for the ensuing year, or do anything in relation to the same.

Art. 12. To see if the town will raise and appropriate the sum of \$100 for the use of the veterans on Memorial Day.

Art. 13. To see if the town will authorize and direct the treasurer, with the approval of the selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 14. To see if the town will vote to purchase or take a lot of land at North Billerica, and erect a school-house thereon, at an expense not exceeding \$25,000, or such sum as the town may determine, or do anything in relation to the same.

Art. 15. To see if the town will appoint a committee to carry into effect the vote under the preceding article.

Art. 16. To see if the town will borrow the sum of \$25,000 for the purpose of purchasing land and erecting a school-house thereon in that part of the town called North Billerica, as authorized by law, and particularly by an act of the current year entitled, "An act to authorize the Town of Billerica, for the purpose of providing a new school building, to incur indebtedness beyond the limit fixed by law," and issue bonds therefor, and within the restrictions of the statutes relating thereto, fix the amount, time of payment, rate of interest, denomination, and form thereof; or do anything in relation to the same.

Art. 17. To see if the town will establish a sinking fund for the payment of the principal of said bonds, and raise annually a sum sufficient, with accumulations, to extinguish such indebtedness at maturity; or do anything in relation to the same.



Art. 18. To see if the town will vote to authorize the School Committee to form a union for the purpose of employing a superintendent of schools under the provisions of Chapter 466 of the Acts of 1898, or do anything in relation to the same.

Art. 19. To see if the town will vote to raise and appropriate the sum of \$200 for conveying pupils from Shawsheen district to Pollard school, or do anything in relation to the same.

Art. 20. To see if the town will raise and appropriate the sum of \$350, to be expended at the discretion of the School Committee, for conveying the children above the sixth grade from the outside schools to the graded schools, or do anything in relation to the same.

Art. 21. To see if the town will raise and appropriate \$250 to aid the Billerica Historical Society in placing a suitable memorial on the site of the first meeting-house erected on the common at Billerica Centre, in 1660, or do anything in relation to the same.

Art. 22. To see if the town will raise and appropriate the sum of \$500 for painting and repairing Union Hall, at North Billerica, or do anything in relation thereto.

Art. 23. To see if the town will raise and appropriate the sum of \$800 for repairs on the Town Hall, or do anything in relation thereto.

Art. 24. To see if the town will raise and appropriate the sum of \$1,500 for building macadam road, or do anything in relation to the same.

Art. 25. To see if the town will authorize the selectmen, at their discretion, to sell the steam fire engine, or act in relation thereto.

Art. 26. To see if the town will raise and appropriate the sum of \$200 to build a street the distance of 600 feet on land known as Maple Street, Fordway Park, North Billerica, or do anything in relation to the same.

Art. 27. To see if the town will raise and appropriate the sum of \$1,650 to be expended for street lighting, to be divided between Billerica Centre and North Billerica, or do anything in relation to the same.

Art. 28. To see if the town will authorize the selectmen to make a contract for electric street lighting for a term of three years, or do anything in relation to the same.

Art. 29. To see if the town will accept from J. N. Parker a deed of a strip of land adjoining the cemetery, to be used for cemetery purposes.

Art. 30. To see if the town will raise and appropriate the sum of \$500 for the purpose of preserving the ancient records of the town, by the so-called Emery process, as required by the commissioner of public records, and in conformity with the Public Statutes, or do anything in relation to the same.

Art. 31. To see if the town will raise and appropriate the sum of \$40, and pay the same to the Bennett Library Association, interest due on the Winthrop Faulkner fund, or do anything in relation to the same.

Art. 32. To see if the town will vote to increase the salaries of the engineers of the Fire Department from \$20 per year, as now paid, to \$35 per year, the same to date from the time of the increase of the salaries of the firemen, or act in relation thereto.

Art. 33. To see if the town will choose a committee to report at the next annual town meeting on the advisability of the town purchasing a steam road-roller, or do anything in relation to the same.

And you are to serve this warrant by posting attested copies thereof, one copy at the Town Hall, one copy in each of the post offices of the town, and one copy in each of the porches or vestibules of the several churches in the town, at least eight days before said meeting.

Hereof fail not, and make due return of this warrant to the town clerk, with your doings thereon, at the time and place of said meeting.

Given under our hands this eleventh day of March, in the year of our Lord nineteen hundred and one.

CHARLES H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

A true copy. Attest:

EVERETT W. LIVINGSTON, Constable.



Under the foregoing warrant, the following action was taken:

Article 1. C. H. Kohlrausch, Jr., was unanimously chosen moderator by use of check list and ballot, and sworn by the clerk.

The moderator appointed as tellers, A. W. Holden, Natt H. Hutchins, Franklin Jaquith, George P. Greenwood, Fred Gleason, A. Ritchie, John Harrington, Sidney A. Bull. All sworn by the clerk.

F. A. Casey moved that Articles 14, 15, 16 and 17 be assigned for consideration at 2 o'clock P. M., and it was so voted.

Art. 2. Moved by F. Jaquith, and so voted, that there be chosen three selectmen, three assessors, three overseers of the poor, three auditors, two constables, one collector of taxes, one town clerk, one treasurer, one member of the Board of Health for three years, one member of the School Committee for three years, one member of the Sinking Fund Commission for three years, one member of the Water Commission for three years, one member of the Cemetery Commission for three years, one tree warden for one year.

Mr. Jaquith moved that Article 8 be taken up, and it was voted that one highway surveyor be chosen, to be voted for on the same ballot with other town officers.

Moved by Mr. Jaquith that Article 9 be taken up, and that the polls on the license question be kept open as long as the polls for town officers were open, which was affirmatively voted.

At 10.10 A. M. it was moved and voted that Article 3 be taken up.

Art. 3. On motion of E. B. Haskell, it was voted that the polls be kept open until 3 P. M.

At 3.45 it was voted that the polls be closed.

The vote for town officers, as returned by the tellers and declared by the moderator, was as follows:



## SELECTMEN —

Votes.

CHAS. H. KOHLRAUSCH, Jr*.....	327
JOSIAH WRIGHT*.....	247
EDWARD B. HASKELL*.....	204
JOSHUA B. HOLDEN, Jr.....	160
WM. H. HUTCHINS.....	140
VICTOR J. HOSMER.....	13
SCATTERING.....	8

\* Declared elected and sworn.

## ASSESSORS —

Votes.

JOSIAH WRIGHT*.....	334
JOHN E. ROWELL*.....	212
GEORGE F. COLSON*.....	199
GEORGE E. SIMONDS.....	192
WM. H. HUTCHINS.....	170
VICTOR J. HOSMER.....	12
THOS. M. CLARK.....	10
SCATTERING.....	8

\* Declared elected and sworn.

## OVERSEERS OF THE POOR.

Votes.

SEARS J. COOK*.....	326
EDWARD B. HASKELL*.....	355
RICHARD J. CONWAY*.....	369
EDGAR F. TWOMBLY.....	14
SCATTERING.....	17

\* Declared elected and sworn.

## CLERK.

Votes.

HERBERT A. KING*.....	392
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\* Declared clerk and sworn by moderator.

## TREASURER.

Votes.

HERBERT A. KING*.....	389
SCATTERING.....	3

\* Declared elected and sworn by moderator.

## TAX COLLECTOR.

Votes.

ALBERT H. JONES*.....	384
SCATTERING.....	3

\* Declared elected and sworn.

## BOARD OF HEALTH.

Votes.

DR. J. B. TYLER*.....	304
COBURN S. SMITH*.....	85
SCATTERING.....	1

\* Declared elected.

SCHOOL COMMITTEE.	Votes.
MAURICE A. BUCK*.....	280
ERASTUS B. COLBY .....	113

\* Declared elected.

AUDITORS.	Votes.
GEO. P. GREENWOOD* .....	390
WM. STEVENSON*.....	387
ARTHUR L. BLODGETT* .....	392

\*Declared elected.

CONSTABLES.	Votes.
MARTIN CONWAY, Jr*.....	363
EVERETT W. LIVINGSTON* .....	297
ANDREW MORRISEY.....	88
SCATTERING.....	4

\* Declared elected and sworn.

WATER COMMISSIONER.	Votes.
F. S. CLARK* .....	383

\*Declared elected.

SINKING FUND COMMISSIONER.	Votes.
FRANKLIN JAQUITH*.....	381

\* Declared elected.

CEMETERY COMMISSIONER.	Votes.
JOSEPH JAQUITH *.....	356

\* Declared elected.

TREE WARDEN.	Votes.
T. EMERY SMITH* .....	376
THOMAS CLARK .....	10
SCATTERING .....	2

\* Declared elected.

HIGHWAY SURVEYOR.	Votes.
EDWARD SPAULDING .....	362

ART. 4. On motion of E. B. Haskell — Clarence A. Bowman was chosen a member of the Bowers Fund Committee for five years.

ART. 5. Upon request the names of Valentine Rollins, Nathaniel R. Jones, and Arthur W. Holden were taken from the list of jurors presented by the Selectmen and the list was then accepted, it being as follows:

Joseph Ellis .....	Overseer
William H. Hutchins .....	Farmer
Henry Duren .....	Farmer
James Barrington .....	Carpenter
John E. Bull .....	Merchant
William A. Cowles .....	Retired
Frank H. Cowdry .....	Farmer
William H. Sexton .....	Blacksmith
John Lotham .....	Retired
Henry Desmarzes .....	Farmer
Charles W. Flanders .....	Optician
Sidney A. Bull .....	Merchant
Henry Shuman .....	Farmer
Oscar Fellows .....	Farmer
Daniel Callahan, Jr .....	Farmer
Edward B. Haskell .....	Farmer
Dennis J. Devine .....	Jobber
George E. Simonds .....	Farmer
Thos. E. Spaulding .....	Farmer
Fred L. Mason .....	Farmer
Edgar Twombly .....	Farmer
Edward L. McMahon .....	Finisher
Henry Dutton .....	Farmer
Timothy Mahoney .....	Dresser
George L. Dunham .....	Merchant
Clarence Bowman .....	Farmer
Joseph H. Call .....	Farmer
Martin Conway .....	Farmer
John E. Rowell .....	Farmer
Fred H. Parker .....	Merchant
William F. Symmes .....	Miller
H. D. Livingston .....	Teamster
B. G. Hutchins .....	Carpenter
Franklin Jaquith .....	Manufacturer
A. H. Andrews .....	Farmer
John H. Foster .....	Agent
H. M. Hutchins .....	Retired
Frank W. Holden .....	Merchant
Dick J. Folsom .....	Farmer
Albert H. Jones .....	Collector
Coburn S. Smith .....	Farmer
L. B. Gannon .....	Broker
Thomas Callahan .....	Broker
Benjamin W. Kearney .....	Jobber

Art. 6. On motion of E. B. Haskell, it was voted that the method be the same as last year.



Art. 7. E. B. Haskell moved that it be the same as last year, and it was so voted.

Art. 8. On motion of H. A. King, the selectmen were chosen fence viewers.

On motion of A. W. Proctor, Isaac Hopkinson and Martin Conway, Jr., were chosen field drivers. Mr. Proctor also moved that the same surveyors of wood, with the addition of Victor J. Hosmer, be chosen, the list being as follows: John E. Rowell, George E. Simonds, Voluntine Rollins, William F. Symmes, Charles A. Foster, Charles R. Wild, H. A. King, C. H. Morley, and Victor J. Hosmer.

Art. 9. As voted, the polls were closed at 3.45, and the following vote declared: yes, 28; no, 199.

Art. 10. The selectmen called attention to their report as printed, and it was voted to accept the same.

A. W. Proctor and E. B. Haskell reported for the committee to obtain a five-cent electric car fare to Lowell, that they had diligently sought to obtain this result, but so far had not been successful.

The committee appointed to report on the advisability of selling the town farm asked for farther time, and the same was granted.

Art. 11. On motion of E. B. Haskell, this article was assigned for 1 o'clock, and it was then voted as follows.

On motion of F. S. Clark, the appropriations recommended were acted upon separately.

The sums thus voted were:

Schools .....	\$9,000 00
Highways .....	3,500 00
Bridges .....	1,500 00
Fire Department .....	1,500 00
Incidentals .....	1,500 00
Town Farm .....	1,000 00
Janitor and Police .....	1,500 00
Outside Relief .....	1,200 00
Debt Appropriation .....	1,450 00
Interest .....	1,700 00
Insurance .....	300 00
Sinking Fund and Bond Interest .....	2,000 00

Soldiers' Relief .....	\$ 50 00
Registrars of Voters .....	100 00
Cemeteries .....	400 00
Common .....	75 00
Selectmen .....	425 00
Assessors .....	250 00
Overseers of Poor .....	200 00
School Committee .....	180 00
Town Clerk .....	200 00
Town Treasurer .....	300 00
Tax Collector .....	350 00
Election Officers .....	100 00
Cattle Inspector .....	100 00
Fish Warden .....	100 00
Board of Health .....	50 00
Auditors .....	45 00
Sidewalks .....	100 00
Tree Warden .....	100 00
Sealer of Weights and Measures .....	50 00
Hydrants .....	2,300 00
Water Bond Sinking Fund .....	1,800 00
Town Water, Public Buildings .....	100 00
Water Deficit .....	1,000 00

On motion of F. S. Clark, it was voted that \$27,000 be raised for the appropriations made under this article.

Art. 12. On motion of H. A. King, \$100 was raised and appropriated for the use of the veterans on Memorial Day.

Art. 13. On motion of F. Jaquith, it was unanimously voted that the town treasurer be, and hereby is, authorized and directed, with the approval of the selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, the sum of \$30,000, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 14. Allen Bottomley offered the following motion: That the town purchase a lot of land at North Billerica, to be selected by the building committee chosen at this meeting, and erect a school-house thereon, according to the plans and specifications prepared by Cooper & Bailey, of Boston, archi-

pects, and exhibited here, with such minor changes as to the said building committee may seem advisable, at a total expense for land and buildings not to exceed twenty-five thousand dollars (\$25,000).

The vote upon this question was: yes, 101; no, 16; and it was declared carried.

Art. 15. Moved by F. A. Casey that a committee of three be appointed by the chair to nominate a committee of six to be a building committee, as called for by vote of the previous article. This motion prevailed, and the chair appointed Joseph Jaquith, L. W. Buckley and F. A. Morey, who presented the following nominations: Frederic S. Clark, Chas. H. Kohlrausch, Jr., Herbert W. Sheldon, and the School Committee, who were unanimously chosen.

Art. 16. The following motion was offered by Allen Bottomley: That the town borrow the sum of twenty-five thousand dollars (\$25,000) for the purpose of purchasing land and erecting a school-house thereon in that part of the town called North Billerica, as authorized by law, and particularly by an act of the current year entitled, "An act to authorize the Town of Billerica, for the purpose of providing a new school building, to incur indebtedness beyond the limit fixed by law," and that the town issue bonds therefor to the said amount of twenty-five thousand dollars (\$25,000), each bond to be of the denomination of one thousand dollars (\$1,000), and the same to be issued at such date as may be deemed advisable by the selectmen for the time being of said Billerica, and to be numbered consecutively from number one (1) to number twenty-five (25), both inclusive, and payable at the expiration of twenty years from the date of issue, with interest at three and one-half per cent. per annum, payable semi-annually in each year, both principal and interest to be payable in lawful money of the United States, either at the office of the treasurer of said Billerica, or at such bank or trust company in the city of Boston, in said Commonwealth, as the said selectmen shall, in their discretion, think advisable, upon presentation and surrender of the interest coupons therefor as the same shall severally become due, and that each of said bonds shall be signed by the then treasurer of the town, and countersigned by the said selectmen, and bear



on its face the words, "Billerica School-house Loan," and shall be in such form not inconsistent with this vote as to the said selectmen may seem advisable; and that said treasurer be and hereby is directed to affix to each of said bonds the seal of the town, and to sell and negotiate said bonds under the direction of said selectmen for not less than the par value and accrued interest, and that the proceeds realized from the sale of such bonds shall be applied to defraying the expenses and liabilities incurred by the town in purchasing a lot of land at said North Billerica, and erecting thereon a school-house.

The vote on this motion was: yes, 133; no, 84; and it requiring a two-thirds vote for the motion to prevail, it was declared not carried.

On motion of F. A. Casey, it was voted to reconsider the question, there being 191 votes in the affirmative and 38 votes in the negative.

The original motion being put, one hundred and eighty-five (185) voted in the affirmative and thirty-five (35) in the negative, and the motion was declared carried.

Art. 17. On motion of Allen Bottomley, it was voted that the town establish a sinking fund, and raise annually and set apart therefor a sum sufficient, with accumulations, to pay the bonds authorized under Article 16 at maturity, as provided by law. This motion was unanimously carried.

On motion of F. S. Clark, it was voted that any premium obtained from the sale of said bonds be placed to the credit of the sinking fund.

On motion of Mr. Barrington, it was voted to request the same committee as were chosen to nominate a building committee to bring in nominations for three sinking fund commissioners.

The following nominations were made by the committee: John A. Richardson, Allen Bottomley and Joseph F. Talbot.

On motion of T. F. Lyons, one ballot was cast for the names recommended by the committee, and they were declared unanimously chosen "School Bond" Sinking Fund Commissioners for one year.

Art. 18. On motion of Allen Bottomley, this article was dismissed.

Art. 19. On motion of F. A. Casey, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 20. On motion of A. Barrington, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 21. On motion of T. F. Lyons, it was voted that the sum of \$250 be raised and appropriated by the town to aid the Billerica Historical Society in erecting a suitable memorial to mark the site of the first meeting-house.

Art. 22. On motion of E. B. Haskell, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 23. E. B. Haskell moved that the sum asked for by this article be raised and appropriated, and it was voted in the negative.

On motion to reconsider, 36 voted yes and 38 no, and the motion was declared lost.

Art. 24. It was moved by B. Kearney that this article be dismissed, which was voted in the negative.

On motion of Charles Crosby, it was voted that \$1,500 be raised and appropriated for the purpose named in this article.

Art. 25. On motion of E. L. McMahon, this article was dismissed.

Art. 26. On motion of P. J. Sexton, it was voted to accept the road known as Maple Street, in Fordway Park, North Billerica, as laid out by the selectmen, and to raise and appropriate the sum of two hundred dollars to build and prepare the same for public travel.

Art. 27. On motion of E. L. McMahon, it was voted that the sum of \$1,650 be erased from this article, and \$700 inserted, and that said sum of \$700 be raised and appropriated for the purpose named in this article.

On motion of R. Barrington, it was voted that said \$700 be equally divided between the Village Improvement Association at North Billerica and Billerica Centre.

Art. 28. On motion of L. W. Faulkner, this was dismissed.

Art. 29. Thomas Spaulding moved that the town accept the generous offer of J. N. Parker, as named in this article, and extend to him a vote of thanks.

This motion was unanimously carried by rising vote.

Art. 30. On motion of C. E. Hosmer, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 31. On motion of H. A. King, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 32. W. Stackpole moved that this article be dismissed, which was voted in the negative.

On motion of R. Barrington, it was voted that the sum asked for by this article be raised and appropriated for the purpose named therein.

Art. 33. On motion of F. S. Clark, this article was dismissed.

Moved by J. E. Rowell, and so voted, that the selectmen be instructed to collect at once the money due the town for filling sold to Mr. M.

A vote of thanks was unanimously extended to the moderator, tellers and clerk for the courteous and efficient manner in which they had performed their duties.

On motion of Martin Conway, Jr., the meeting was dissolved.

Attest: HERBERT A. KING,  
Town Clerk.

Billerica, April 4, 1901.

At a public meeting of the selectmen and town clerk, held this day, William A. Cowles and Henry Shuman were drawn and appointed to serve as traverse jurors at the Superior Court to be holden at Cambridge, April 22, 1901.

Attest: HERBERT A. KING.

Billerica, Mass., March 11, 1901.

So far as is within our power, we hereby declare and make all the rights and privileges granted to Walter A. Drucker, under



the foregoing order of the selectmen, dated February second, A. D. 1899, assignable by him to any person or persons or corporation, subject to the approval of the selectmen for the time being of said Billerica.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

For one dollar and other valuable considerations, receipt of which I hereby acknowledge, I hereby assign to the Billerica Electric Company all the rights and privileges granted to me under the order of the selectmen of Billerica, dated February 2, 1899.

Witness my hand and seal this thirteenth day of March, 1901.

WALTER A. DRUCKER.

(SEAL.)

COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

April 4, 1901.

Then personally appeared the above-named Walter A. Drucker, and acknowledged the foregoing instrument to be his free act and deed before me.

HERBERT A. KING,  
Justice of Peace.

Billerica, April 4, 1901.

At a regular meeting of the selectmen of Billerica, on the above date, this assignment was approved.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

A true copy. Attest:

HERBERT A. KING,  
Town Clerk.

The New England Telephone and Telegraph Company of  
Massachusetts:

You are hereby notified that you are duly authorized, by vote of the Board of Selectmen of the Town of Billerica, Massachusetts, to erect and maintain poles and wires to be placed thereon, together with such supporting and strengthening fixtures and wires as said company may deem requisite, and the said selectmen approve, in the following-named streets and highways of said town. All construction under this permit shall be in accordance with the following specifications:

Poles shall be of a length, size and material, and the wires thereon shall be at a height and placed in a manner, satisfactory to the Board of Selectmen, and the poles shall be located and set as and where the said Board may direct, and to their satisfaction.

A copy of this permit is recorded in the records of the Town of Billerica, Massachusetts.

(Signed)

HERBERT A. KING,  
Town Clerk.

The following are the streets and highways above referred to: Boston Road, relocation of poles from Billerica Centre to school-house east of Nutting's Pond.

Signature of Selectmen:

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT.

June 10, 1901.

Attest:

HERBERT A. KING,  
Town Clerk.

Billerica, Massachusetts, July 18, 1901.

Voted, that the New England Telephone and Telegraph Company of Massachusetts be and it is hereby authorized and permitted to erect and maintain poles and wires to be placed thereon, together with such supporting and strengthening fixtures and wires as said company may deem requisite, in the streets and highways of said town as hereinafter designated.

All construction under this permit shall be in accordance with the following specification: The poles shall be located

between the travelled driveway and the limit of the highway, and shall be of wood or other suitable material, and the wires shall be run at the usual height and along and across the highways. After the poles and wires have been located as specified in this permit, alterations shall be made in the location or erection of the poles, and in the height of the wires, if so directed by the Board of Selectmen.

Following are the streets and highways above referred to:

Relocation of present pole line in front of Billerica Common.  
Poles to be moved back close to Common fence.

(Signed)

EDWARD B. HASKELL,  
JOSIAH WRIGHT,  
Selectmen.

This permit is recorded in the records of the Town of Billerica, Book 12, Page 421.

HERBERT A. KING,  
Town Clerk.

To the Honorable the Board of Selectmen of the Town of Billerica, Mass.:

The Billerica Electric Company respectfully petition your honorable Board for a location of poles, with the right to place wires thereon, for the purpose of conveying electricity, from Triple Cove Road over Sprague Street and Boston Road to the Chelmsford line.

Billerica, July 3, 1901.

W. A. DRUCKER, Pres.

A true copy. Attest:

HERBERT A. KING,  
Town Clerk.

Ordered by the Board of Selectmen in session, that the Billerica Electric Light Company be and hereby are authorized to erect and maintain poles and wires over Sprague Street and the Boston Road, so called, from Triple Cove Road to the Chelmsford line, for electric lighting purposes, as by statute provided; the poles to be of chestnut or cedar, or such other material as the selectmen shall approve, and to be located as and where they may direct and to their satisfaction; such poles to be not less than twenty-five feet in length, and the wires placed not less than twenty feet above the ground.



A plan of the location of each pole shall be filed with the Town Clerk as soon as the line is completed. All rights and privileges hereby granted are to cease and be lost to said company unless its said proposed line over said Sprague Street and the Boston Road is completed and in working operation within one year from this date.

(Signed)

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

A true copy. Attest:

HERBERT A. KING, Town Clerk.

June 25, 1901.

To the Selectmen of Billerica, Billerica, Mass.:

Gentlemen—We, the directors of the Lowell & Boston Street Railway Company, respectfully petition your honorable Board that no action be taken on the petition which we have presented to your town under Section 23 of your order of January 3, 1901, until September 1, or until a satisfactory conference can be arranged between a representative of your Board and a representative of the Lynn & Boston Street Railway Company and a representative of the Lowell & Boston Street Railway Company.

If your honorable Board will consent to this postponement, we, the Board of Directors of the Lowell & Boston Street Railway Company, agree to accept any lawful and reasonable order granting the location prayed for in said petition within thirty days after receiving notice thereof.

LOWELL & BOSTON STREET RAILWAY CO.

(Signed)

T. I. REED,  
GEORGE A. SWEETSER,  
F. A. PARTRIDGE,  
RICHARD FAULKNER,  
F. E. COTTON,

Directors.

A true copy.

D. A. BROOKS, Clerk.

(SEAL.)

Attest:

HERBERT A. KING, Town Clerk.

Billerica, Mass., June 29, 1901.

Whereas, it is thought desirable to further extend the time within which the Lowell & Boston Street Railway Company is to present, if so required, a petition for an extension of its line to Tewksbury, as provided in Section 23 of an order of this Board, dated January 3 last, granting to said company a location in said Billerica.

Now, then, it is hereby ordered by the said selectmen, in session, that the said petition be presented, as in said section provided, at such time, not later than September first next, as the selectmen of said town may in writing suggest.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

Attest:

HERBERT A. KING,  
Town Clerk.

Billerica, July 3, 1901.

Walter Knight Putney having been appointed a special police officer, personally appeared and made oath to the faithful discharge of the duties of said office, before me.

HERBERT A. KING,  
Town Clerk.

Billerica, July 3, 1901.

Edward B. Carr having been appointed a public weigher, personally appeared and made oath to the faithful discharge of the duties of said office, before me.

HERBERT A. KING,  
Town Clerk.

Billerica, July 3, 1901.

Then personally appeared C. A. Wright, J. B. Robinson, F. H. Mixon, H. W. Essex, Stephen D. Poland, John W. Morrill and Warren Holden, who, having been appointed special police, separately and severally made oath to the faithful discharge of the duties of said office, before me.

HERBERT A. KING,  
Town Clerk.

Billerica, Mass., August 15, 1901.

Ordered by the Board of Selectmen, in session, after due notice to the Atlantic Telegraph Company and a hearing at the Town Hall on Wednesday evening, August seventh, current, at 7.45 o'clock, adjourned at the request of said company to Thursday afternoon, August fifteenth, current, at 2 o'clock, that the location permit and authority of said company to erect and maintain its poles and wires in said Billerica in that part of the Boston Road, so called, situated between its intersection with a line drawn due westerly from the town pump and its intersection with the street bounding the Common on the south, be and hereby is cancelled and revoked, and the said company directed to forthwith remove its poles therefrom; and that the said company be and hereby is authorized to attach and maintain its wires for the transmission of intelligence by electricity, as by statute provided, in the above described part of said Boston Road, on the poles of the New England Telephone and Telegraph Company, at a height not less than twenty feet above the ground, provided the said last-named company assents thereto.

CHAS. H. KOHLRAUSCH, JR.,

EDWARD B. HASKELL,

JOSIAH WRIGHT,

Selectmen of Billerica.

Billerica, August 15, 1901.

Recorded and entered on the records of the Town of Billerica, Book 12, Page 426.

Attest:

HERBERT A. KING,

Town Clerk.

Billerica, Mass., August 15, 1901.

Ordered by the Board of Selectmen, in session, after due notice to the Atlantic Telegraph Company and a hearing at the Town Hall on Wednesday evening, August seventh, current, at 7.45 o'clock, adjourned at the request of said company to Thursday afternoon, August fifteenth, current, at 2 o'clock, that the location, permit and authority of said company to erect and maintain its poles and wires in said Billerica, in that part of the Concord Road situated between its intersection with the Turnpike and French Street, all so called, and in that part of



said Turnpike situated between its intersection with said Concord Road and said French Street, be and hereby is cancelled and revoked, and said company directed to forthwith remove the same therefrom, and that said company be and hereby is authorized to erect and maintain poles and wires over that part of said French Street situated between said Concord Road and said Turnpike for the transmission of intelligence by electricity, as by statute provided; the poles to be of chestnut or cedar, or such other material as the selectmen shall approve, and to be located as and where they may direct and to their satisfaction; such poles to be not less than twenty-five feet in length, and the wires thereon placed not less than twenty feet above the ground. A plan showing the location of each pole in said French Street shall be filed with the town clerk as soon as the company's line therein is completed.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

Billerica, August 15, 1901.

Received and entered on the books of the Town of Billerica,  
Book 12, Page 427.

Attest: HERBERT A. KING,  
Town Clerk.

Billerica, August 23, 1901.

At a public meeting of the selectmen and town clerk, held this day, John E. Bull, merchant, was drawn and appointed to serve as grand juror for the September term of the United States District Court, to be held at Boston, September 10, 1901.

At the same time and place Frank W. Holden, merchant; William H. Hutchins, farmer; and Frank W. Cowdrey, farmer, were drawn and appointed to serve as petit jurors for said Court.

Attest: HERBERT A. KING,  
Town Clerk.

Proclamation having been issued by the President of the United States and the Governor of this Commonwealth for a public memorial service in honor of our late President, William McKinley, the selectmen of Billerica issued the following:

"The selectmen of Billerica, in accordance with public proclamation, hereby request the townspeople to assemble at the Town Hall, on Thursday, September 19, at 3 o'clock in the afternoon, to participate in appropriate memorial services in honor of our late President, William McKinley."

(Signed)

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

The selectmen invited the following-named gentlemen to act as a committee to prepare appropriate resolutions to be presented at this service: F. S. Clark, chairman; Dr. C. E. Hosmer, Allen Bottomley, J. Nelson Parker, John A. Richardson, Edward L. McMahon, John Harrington, Jos. Ellis, George P. Greenwood, Franklin Jaquith, Jos. S. Holt, E. B. Haskell.

In accordance with the above request, the people assembled at the Town Hall, to its full capacity, and observed the following programme:

Singing by the Alpha Quartette of Lowell.

Opening remarks by Chas. H. Kohlrausch, Jr., chairman.

Responsive Scripture by pupils of the Howe School, led by Mr. Earle C. Davis, principal.

Prayer, Rev. Dr. Minot J. Savage.

Singing by quartette, "Lead, Kindly Light."

Remarks by Revs. E. E. Scates, Edgar S. Wiers and Thomas P. Evans.

The quartette then sang, "Nearer, My God, to Thee."

Address by J. Nelson Parker.

Address by Rev. Dr. Minot J. Savage.

A committee on resolutions, consisting of F. S. Clark, chairman; C. E. Hosmer, Allen Bottomley, J. Nelson Parker, John A. Richardson, Edw. L. McMahon, John Harrington, Jos. Ellis, Geo. P. Greenwood, Franklin Jaquith, Jos. S. Holt, and Edw. B. Haskell, presented the following resolutions, which were unanimously adopted by a rising vote:

Whereas, we, the people of Billerica, assembled for the purpose of uniting in a tribute of love and reverence to our late President, William McKinley, desire to place on record our sense of the great calamity which has befallen us. Be it, therefore,

Resolved, that in the death of President McKinley the nation has lost a leader who takes rank with the most beloved and noble in our history. After a long career of public service, beginning as a soldier when but a boy in years, and extending, without blemish, through varied official duties and positions, he was finally called to the highest post in the gift of the nation, there to be confronted with the most serious problems since the time of the lamented Lincoln. He brought to their solution conspicuous ability, wisdom, patriotism, and, above all, a sincere and conscientious determination to faithfully and unselfishly serve his country's interest. He was of the people, and "none knew him but to love him," for he was the friend of high and low alike. His honesty, sincerity, sympathy and tolerance of adverse opinion made devoted friends of all who came in contact with him, and today we mourn the loss of a gentle, lovable man as well as a great statesman. His devotion to the wife who shared his joys and his sorrows has most deeply touched us in the past, and, in this hour of great affliction, we pray that she may be given strength to endure, and that she may find comfort in the knowledge that the hearts of the great American people are beating for her.

Resolved, that while freedom of the press and liberty of speech are the privilege and blessing of a free country, license for either to oppose all law and government, and to openly incite the weak and evil mind to the murder of those high in authority, should not be tolerated, and the terrible calamity which we now deplore is a lesson which our legislative bodies should at once recognize and act upon.

Resolved, that in President Roosevelt we have a man of unspotted character and patriotic motive, and we have full confidence that he will meet the great responsibility of his office with ability, wisdom and prudence.

Resolved, that these resolutions be spread upon the records of the town.



"America" was sung by the audience, and the benediction pronounced by Rev. Dr. Savage.

Billerica, September 24, 1901.

At a public meeting of the selectmen and town clerk, held this day, William H. Sexton and Albert H. Andrews were drawn and appointed to serve as traverse jurors for the term beginning the first Monday in October, at Lowell, Mass.

Attest: HERBERT A. KING,  
Town Clerk.

Billerica, October 17, 1901.

At a public meeting of the selectmen and town clerk, held this day, Dick J. Folsom and Edward L. McMahon were drawn and appointed to serve as traverse jurors for the term beginning October 28, 1901.

Attest: HERBERT A. KING,  
Town Clerk.

In Board of Selectmen, Billerica, October 23, 1901.

Voted, that the New England Telephone and Telegraph Company of Massachusetts be and it is hereby authorized and permitted to erect and maintain poles and wires to be placed thereon, together with such supporting and strengthening fixtures and wires as said company may deem requisite, in the streets and highways of said town, as hereinafter designated. All construction under this permit shall be in accordance with the following specifications: The poles shall be located between the travelled driveway and the limits of the highway, and shall be of wood or other suitable material, and the wires shall be run at the usual height and along and across the highway. After the poles and wires have been located as specified in this permit, alterations shall be made in the location or erection of the poles, and in the height of the wires, if so directed by the Board of Selectmen.

Following are the streets and highways above referred to:

Relocation of four poles on Main Street, between the Hillhurst Hotel and the common.

Signatures of selectmen:

EDWARD B. HASKELL,  
JOSIAH WRIGHT.

Attest: HERBERT A. KING, Town Clerk.

# TOWN WARRANT.

## COMMONWEALTH OF MASSACHUSETTS,

Middlesex, ss.

To Everett W. Livingston, Constable of the Town of Billerica,

Greeting:

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet in the following places:

Precinct One, Town Hall, Billerica Centre, 6.30 A. M.

Precinct Two, Republican Club Building, North Billerica, 9 A. M., Tuesday, November 5, 1901.

To bring in your votes on one ballot for the following officers:

Governor, lieutenant governor, secretary, treasurer, auditor, attorney general, councillor Sixth Middlesex District, senator Sixth Middlesex District, two representatives to the General Court from the Twenty-seventh Middlesex District, county commissioner, two associate commissioners, district attorney, clerk of courts, sheriff for Middlesex County.

And you are to serve this warrant by posting attested copies thereof, one copy at Town Hall, one copy in each of the post offices of the town, and one copy in each of the porches or vestibules of the several churches in town, at least eight days before said meeting.

Hereof fail not, and make due return of this warrant, with your doings thereon, at the time and place of said meeting.

Given under our hands this twenty-second day of October, in the year of our Lord nineteen hundred and one.

CHAS. H. KOHLRAUSCH, JR.,

EDWARD B. HASKELL,

JOSIAH WRIGHT,

Selectmen of Billerica.

A true copy. Attest:

EVERETT W. LIVINGSTON,

Constable of Billerica.

At a legal meeting held under the foregoing warrant the following vote was returned by the Precinct Officers :

### PRECINCT ONE.

Governor.	Votes.
Michael T. Berry of Haverhill .....	3
W. Murray Crane of Dalton.....	123
John B. Lewis, Jr. of Reading.....	2
Josiah Quincy of Boston.....	29
George H. Wrenn of Springfield.....	0
Blanks.....	7

### Lieutenant-Governor.

John L. Bates of Boston.....	126
John W. Coughlin of Fall River.....	24
Alfred E. Jones of Everett.....	2
William H. Partridge of Newton..	4
Charles W. White of Boston.....	0
Blanks.....	8

### Secretary.

Frederic W. Clark of Boston.....	6
Alonzo H. Dennett of Middleborough.....	1
Jeremiah O'Fihelly of Abington.....	3
William M. Olin of Boston.....	122
Willmore B. Stone of Springfield .....	24
Blanks .....	8

### Treasurer and Receiver-General.

George E. Batchelder of Lynnfield.....	2
Wendell P. Bosworth of Springfield .....	0
Edward S. Bradford of Springfield.....	123
Joseph L. Chalifoux of Lowell.....	26
Frederic A. Nagler of Springfield.....	2
Blanks.....	11

### Auditor.

James F. Dean of Salem.....	23
Frank Keefe of Lynn.....	2
John H. Smith of Dalton.....	3
Frank Thompson of Plymouth.....	1
Henry E. Turner of Malden.....	121
Blanks.....	14

### Attorney-General.

Allen Coffin of Nantucket.....	5
John T. Hargraves of Worcester. ....	2
Herbert Parker of Lancaster.....	123
Arthur A. Putnam of Uxbridge.....	23
Clarence E. Spelman of Westfield.....	0
Blanks.....	11



**Councillor.**

Henry H. Benoit of Lawrence.....	1
George M. Buttrick of Everett .....	2
Francis L. Fletcher of Westford.....	24
S. Herbert Howe of Marlborough.....	124
Blanks.....	13

**Senator.**

John P. Farley of Lowell .....	24
Herbert E. Fletcher of Westford.....	125
Blanks.....	15

**Representative in General Court.**

Charles W. Bell of Lowell.....	107
John Brown of Billerica. ....	103
Edward L. McMahon of Billerica.....	39
Daniel J. O'Brien of Lowell.....	26
Blanks.....	53

**County Commissioner.**

Francis Bigelow of Natick.....	118
Robert Lusk of Cambridge.....	5
William F. Merrill of Malden.....	8
Blanks.....	33

**Associate Commissioners.**

Christian Beck of Cambridge.....	15
Louis Eisner of Everett.....	14
David T. Strange of Stoneham.....	114
Edward Everett Thompson of Woburn.....	107
Samuel H. Warren of Weston.....	6
Blanks.....	72

**District Attorney.**

Thomas F. Rooney of Malden.....	12
George A. Sanderson of Ayer.....	125
Blanks.....	27

**Clerk of Courts.**

Theodore C. Hurd of Winchester.....	124
George F. Ritchie of Malden .....	7
Henry A. Smith of Stoneham.....	5
Blanks.....	28

**Sheriff.**

John R. Fairbairn of Cambridge.....	125
Francis P. Finegan of Everett. ....	7
Roscoe G. Watson of Cambridge .....	6
Blanks.....	26
Total vote of Precinct One.....	164

**PRECINCT TWO.****Governor.**

Michael T. Berry of Haverhill.....	5
W. Murray Crane of Dalton.....	141
John B. Lewis, Jr. of Reading.....	0
Josiah Quincy of Boston.....	107
George H. Wrenn of Springfield.....	5
Blanks.....	17

**Lieutenant-Governor.**

John L. Bates of Boston.....	139
John W. Coughlin of Fall River.....	99
Alfred E. Jones of Everett.....	2
William H. Partridge of Newton.....	1
Charles W. White of Boston.....	5
Blanks.....	29

**Secretary.**

Frederic W. Clark of Boston.....	2
Alonzo H. Dennett of Middleborough.....	0
Jeremiah O'Fihelly of Abington.....	2
William M. Olin of Boston.....	133
Willmore B. Stone of Springfield.....	89
Blanks.....	44

**Treasurer and Receiver-General.**

George E. Batchelder of Lynnfield.....	2
Wendell P. Bosworth of Boston.....	2
Edward S. Bradford of Springfield.....	135
Joseph L. Chalifoux of Lowell.....	92
Frederic A. Naglee of Springfield.....	4
Blanks.....	40

**Auditor.**

James F. Dean of Salem.....	89
Frank Keefe of Lynn.....	4
John H. Smith of Dalton.....	1
Frank Thompson of Plymouth.....	5
Henry E. Turner of Malden.....	129
Blanks.....	47

**Attorney-General.**

Allen Coffin of Nantucket.....	2
John T. Hargraves of Worcester.....	7
Herbert Parker of Lancaster.....	129
Arthur A. Putnam of Uxbridge.....	83
Clarence E. Spelman of Westford.....	2
Blanks.....	47

**Councillor Sixth District.**

Henry H. Benoit of Lawrence.....	2
George M. Buttrick of Everett.....	4
Francis L. Fletcher of Westford.....	85
S. Herbert Howe of Marlborough.....	133
Blanks.....	51

**Senator.**

John P. Farley of Lowell.....	103
Herbert E. Fletcher of Westford.....	136
Blanks.....	36

**Representative in General Court.**

Charles A. Bell of Lowell.....	104
John Brown of Billerica.....	148
Edward L. McMahon of Billerica.....	155
Daniel J. O'Brien of Lowell.....	102
Blanks.....	45

**County Commissioners.**

Francis Bigelow of Natick.....	166
Robert Lusk of Cambridge.....	27
William F. Merrill of Malden.....	2
Blanks.....	80

**Associate Commissioners.**

Christian Beck of Cambridge.....	57
Louis Eisner of Everett.....	52
David T. Strange of Stoneham.....	127
Edward Everett Thompson of Woburn.....	114
Samuel H. Warren of Webster.....	3
Blanks.....	197

**District Attorney.**

Thomas F. Rooney of Malden.....	44
George A. Sanderson of Ayer.....	149
Blanks.....	82

**Clerk of Courts.**

Theodore C. Hurd of Winchester.....	155
George F. Ritchie of Malden.....	32
Henry A. Smith of Stoneham.....	1
Blanks.....	87

**Sheriff.**

John R. Fairbairn of Cambridge.....	151
Francis P. Finegan of Everett.....	42
Roscoe G. Watson of Cambridge.....	2
Blanks.....	80
Total vote in Precinct Two.....	275

Attest:     HERBERT A. KING, *Town Clerk.*



## COMMONWEALTH OF MASSACHUSETTS,

COUNTY OF MIDDLESEX,

CITY OF LOWELL.

City Clerk's Office, City Hall,

November 15, 1901. 12 o'clock. M.

We, the undersigned, clerks of the city and towns included in the Twenty-Seventh Middlesex Representative District, certify that a meeting of said clerks was holden as directed by Section 254, Chapter 548 of the Acts of 1898, at the place designated by the County Commissioners, to wit: at the City Clerk's Office, City Hall, Lowell, Mass., on the date and at the time above written, for the purpose of determining who appeared to be elected to the office of representative in the General Court from said district, and they did examine and compare the record of votes given in for said office at the election holden on the fifth day of November, A. D., 1901, in the several precincts of the City of Lowell, and in the several towns of which said district is comprised, and we further certify the following to be a true and complete schedule of all the persons voted for for Representatives in said District, and as shown by the said copies of record the number of votes for each person.

Whole number of ballots, three thousand nine hundred and forty-two.....	3,942
Charles W. Bell, of Lowell, had one thousand seven hundred and sixty-three.....	1,763
John Brown, of Billerica, had one thousand six hundred and fifty-seven.....	1,657
Edward L. McMahon, of Billerica, had one thousand seven hundred and eighty-three .....	1,783
Daniel J. O'Brien, of Lowell, had one thousand seven hundred and ninety.....	1,790
Sidney A. Bull, of Billerica, had one.....	1
Blanks, eight hundred and ninety.....	890
Whole number of votes, seven thousand eight hundred and eighty-four.....	7,884

GIRARD P. DADMAN, *City Clerk, Lowell*HERBERT A. KING, *Town Clerk, Billerica.*HARRY H. NICHOLS, *Town Clerk, Burlington.*DANIEL W. ROBBINS, *Town Clerk, Carlisle.*GAYTON M. HALL, *Town Clerk, Dracut.*ARTHUR F. UPTON, *Town Clerk, North Reading.*JOHN H. CHANDLER, *Town Clerk, Tewksbury.*JAMES E. KELLEY, *Town Clerk, Wilmington.*

## Births Recorded in 1901.

No.	Date.	Name of Child.	Name of Parents.
1.	Jan. 2.	Esther Alice Stott.....	John Thomas and Alfreda H.
2.	" 8.	Joseph Lofthouse.....	Joseph and Mary
3.	" 14.	Ernest Heber Cole.....	Albie and Carrie
4.	" 21.	Edward Timothy McCarthy.....	John and Margaret
5.	" 26.	Joseph Herbert Tivey.....	Robert and Jane
6.	" 26.	Albert Francis Tivey.....	Robert and Jane
7.	" 28.	Harland Worcester Brigham.....	James and Mattie
8.	Feb. 10.	Wilfred Stackpole Thayer .....	Benj. and Emma
9.	" 12.	Helen Keyes .....	Edward and Cora
10.	" 18.	Jessie McMillen.....	Norman and Laurena
11.	" 19.	Adelaide Corene O'Brien.....	John and Elizabeth
12.	" 26.	Nora Helena Condon.....	Patrick and Ellen
13.	Mar. 8.	(No name) Tobin.....	Thomas and Annie
14.	" 8.	Gladys Almira Scott.....	Charles and Marian
15.	" 21.	George Allen Mullen.....	John and Henrietta
16.	" 24.	Alfred Joseph Durand.....	Peter and Aldia
17.	Apr. 19.	Paul Revere Simpson.....	James and Jennie
18.	May 3.	Mary Theresa Collins.....	Michael and Mary
19.	" 13.	(No name) Hayes.....	Timothy and Lena
20.	" 17.	Marie Lyons.....	Daniel and Mary
21.	June 4.	Alice Margaret O'Neil.....	James and Margaret
22.	" 4.	Marion Isabel O'Neil.....	James and Margaret
23.	" 15.	Robert Alexander Fraser.....	Alexander and Delora
24.	" 26.	Bessie Switzer.....	Arthur and Alice
25.	July 3.	James Wellington Delmage.....	James and Martha
26.	Aug. 9.	Helen Irene Hannon.....	William and Sarah
27.	" 17.	Francis Marion Carlston.....	Charles and Mary
28.	" 19.	Ruth Knight Smith.....	William and Maude
29.	" 21.	John Paul Folsom.....	D. John and Lizzie
30.	Sept. 10.	George William Ennion.....	George and Minnie
31.	Oct. 10.	Marjory Lois Eaton.....	Herbert and Lottie
32.	Dec. 5.	Margaret McClelland.....	Thomas and Gertrude
33.	" 28.	Albert Taylor.....	Fred and Margaret
34.	Mar. 12.	Earl Clifford Nickless.....	Harry and Nellie
35.	" 14.	Stephen Sumner Nickles.....	Elijah and Nellie
36.	June 5.	Max Humphrey Morley.....	Charles and Jenevieve
37.	" 29.	Joseph Alphonso Manseau .....	Joseph and Exelia
38.	" 14.	Patrick Higgins.....	Patrick and Mary
39.	Aug. 22.	Edward Morris Mahoney.....	Timothy and Hattie
40.	" 16.	(No name) Hockyard.....	John and Annie

No.	Date.	Name of Child.	Name of Parents.
41.	Oct. 4.	Catherine Butler.....	William and Annie
42.	Nov. 18.	Mary Florence Tallard.....	Theodore and Olivia
43.	" 19.	George Janell.....	Charles and Jennie
44.	Aug. 10.	Christian Mary Murphy.....	George and Anna
45.	June 22.	Carl Franklin Bartlett.....	Ernest and Hattie
46.	Mar. 29.	Charles Alexander Russell.....	Rufus and Vurnnia
47.	Apr. 13.	Lena Harriett Harmond.....	Charles and Ida
48.	Nov. 29.	Mary Dolan.....	John and Delia
49.	Aug. 30.	Carrie Mabel Bowman.....	Henry and Alice
50.	Nov. 11.	Ethel Lily Jackson .....	Howard and Emma
51.	July 13.	James Richard Duffy.....	John and Joanna
52.	Oct. 9.	Margaret Geneve Monahan.....	William and Joanna
53.	Apr. 2.	Daniel Duffy.....	Michael and Julia

HERBERT A. KING,  
Town Clerk.



## Marriages in Billerica During 1901.

Date.	Name.	Residence.
Jan. 16.	Edward F. Dickinson.....	Billerica
	Cora A. Monroe.....	Billerica
Jan. 23.	Arthur W. Merriam.....	Billerica
	Olive M. Staples.....	Billerica
Feb. 20.	Perley D. Holt.....	New Boston, N. H.
	Mabel E. Gregware.....	Billerica
Feb. 28.	James William Morris.....	Billerica
	Effie Somers.....	Billerica
April 20.	Sahag Menzoian.....	Lowell, Mass.
	Hamun Magarian.....	Billerica
May 2.	Frank R. Carter.....	Wilmington, Mass.
	Ella M. Moore.....	Billerica
May 7.	Leslie L. Peavey.....	Billerica
	Mary O'Hara.....	Lowell, Mass.
May 9.	William Hahn.....	Newton, Mass.
	Lottie M. Dutton.....	Billerica
June 1.	John Benson.....	Billerica
	Frida Ringguist.....	Lowell, Mass.
June 13.	Daniel Donohoe.....	Billerica
	Mary J. McGrath.....	Lowell, Mass.
June 19.	George B. Smith.....	Billerica
	Charlotte C. Bigelow.....	Billerica
July 21.	Leonard A. Blood.....	Billerica
	Mary Jordan.....	Billerica
Aug. 18.	Patrick Powers.....	Billerica
	Bessie Rogers.....	Billerica
Aug. 20.	Thomas F. Sheridan.....	Billerica
	Mary A. Burke.....	Billerica
Aug. 21.	Arthur M. Butterfield.....	Billerica
	Isabella Walker.....	Billerica
Aug. 27.	Nathaniel R. Jones.....	Billerica
	Edith F. Hawes.....	Billerica
Sept. 25.	George Latham.....	Billerica
	Maud Ormrod.....	Billerica
Sept. 25.	Charles H. Kemp.....	Carlisle, Mass.
	Margaret Maloney.....	Billerica
Oct. 1.	Lewis H. Holden.....	Lawrence, Mass.
	Sarah E. Dewhurst.....	Billerica

Date.	Name.	Residence.
Oct. 23.	Everett Sutcliffe.....	Billerica
	Elizabeth Alice Chadwick.....	Billerica
Nov. 18.	Charles Homer Eames....	Andover, Mass.
	Mary Wood Richardson.....	Billerica
Dec. 4.	Edwin Arthur Duren.....	Billerica
	Lillian Annie Burton.....	Billerica
Dec. 4.	Clarence B. Frost Jr.....	Billerica
	Gertrude M. Fitch.....	Billerica
Dec. 5.	Patrick W. Tully.....	Billerica
	Charlotte N. Spenceley.....	Billerica

HERBERT A. KING,

Town Clerk.

## Deaths Recorded in 1901.

No.	Date.	Name.	Yrs.	Age.	
				Mos.	Days.
1.	Jan. 2.	Alice Mason.....	1	7	22
2.	" 6.	Eliza Jane Knowles.....	71	1	—
3.	" 17.	Jessie M Chisholm.....	15	9	—
4.	" 21.	S. Adella Stanton.....	52	6	—
5.	" 29.	Mark Whitehead.....	57	2	7
6.	" 30.	Winifred White.....	62	—	—
7.	" 31.	Elizabeth W. Baldwin.....	72	7	5
8.	" 30.	Mary J. Estabrook.....	81	2	1
9.	Feb. 9.	Ealon W. Aldrich.....	27	4	28
10.	" 14.	Mary Hogan.....	66	—	—
11.	Mar. 8.	—— Tobin.....	—	—	—
12.	" 16.	Isabella R. Fairbrother.....	50	—	—
13.	Apr. 18.	Edward Preston.....	72	—	22
14.	" 28.	Ebenezer Baker.....	72	11	12
15.	May 4.	John Lynch French.....	65	—	—
16.	" 9.	William Robinson.....	68	—	—
17.	" 13.	—— Hayes.....	—	—	—
18.	June 5.	Mercy S. Bull.....	89	—	—
19.	" 13.	Ellen Kiley.....	84	—	—
20.	" 27.	Maria A. Henchcliffe.....	67	8	17
21.	July 9.	Susan C. Prescott.....	78	10	21
22.	" 13.	Bertha B. Baum.....	2	6	3
23.	" 14.	August Welsh.....	52	—	—
24.	" 21.	Mary Donovan.....	48	—	—
25.	" 23.	Alberta L. French.....	19	5	1
26.	" 28.	Daniel W. Hardy.....	67	—	—
27.	" 31.	Burton Somers.....	17	—	—
28.	Aug. 11.	Henry McKee.....	84	—	—
29.	" 14.	Marion O'Neil.....	—	2	10
30.	" 19.	Alice Margaret O'Neil.....	—	2	14
31.	" 24.	George H. Rechot.....	—	9	1
32.	Sept. 15.	Rumah Whatmouth.....	65	3	—
33.	" 23.	Mary Matilda Coulter.....	60	2	23
34.	" 24.	Caroline Madison.....	62	9	6
35.	Oct. 2.	Perley D. Smith.....	35	—	—
36.	Nov. 14.	Robert Alexander Fraser.....	—	4	29
37.	" 25.	Viola D. Sanborn.....	59	—	—
38.	" 29.	Mary Dolan.....	—	—	—
39.	Dec. 11.	Abbie J. Colby.....	78	8	15
40.	" 12.	Ann Mary Keyes.....	70	—	—
41.	" 15.	Olivia A. Stearns.....	63	11	20



BURIALS IN BILLERICA OF NON-RESIDENTS DYING ELSE-  
WHERE.

No.	Date.	Name.	Yrs.	Age.	
				Mos.	Days.
1.	Jan. 17.	Lund T. Eastman.....	64	11	25
2.	July 10.	Ada K. Smith.....	—	—	1
3.	Sept 22.	Leonard Wilson.....	67	11	20
4.	Apr. 29, 1894.	Ebenezer Trycross.....	74	5	—
5.	Nov. 17.	George McPhee.....	—	4	—

HERBERT A. KING,  
Town Clerk.

# List of Persons having Dogs Licensed during the Year 1901.

No.	Names.
1	Arthur Serton,
2	E. J. Sanborn,
3	Timothy Pasho,
4	P. J. Sexton,
5	C. H. Kohlrausch,
6	Maggie Sprowl,
7	John F. Barnes,
8	J. T. Haslam,
9	T. G. Messer,
10	Fred C. Smith,
11	James Balmforth,
12	H. B. Richardson,
13	Hugh Coulter,
14	Hugh Coulter,
15	John H. Foster,
16	John Stahle,
17	Chas. H. Shedd,
18	Chas. Monty,
19	Fuller Twins,
20	H. W. Sheldon,
21	John Hockyard,
22	Fred Wain,
23	Chas. Maxwell,
24	E. P. Sellow,
25	M. H. Kohlrausch,
26	Geo. F. Colson,
27	Frank A. Spaulding,
28	Warren Richardson,
29	Warren Richardson
30	Warren Richardson
31	Charles W. Flanders, Jr.,
32	Thos. Fayton,
33	C. F. Scott,
34	F. L. Gleason,

No.	Names.
35	George R. Herrick,
36	R. J. Conway,
37	Wm. F. Symmes,
38	Ernest Robinson,
39	Edw. Spaulding,
40	A. D. Stanton,
41	E. B. Haskell,
42	Thos. Kittridge,
43	Amy Putney,
44	Chas. A. Collins,
45	J. N. Parker,
46	Thos. McElligott,
47	A. C. Flint,
48	Leslie Peavey,
49	Isaac Hopkinson,
50	Arthur Dodge,
51	S. Metcalf,
52	Arthur Fellows,
53	W. H. Manning,
54	Albert Lakeman,
55	John H. Baker,
56	Jerry Mahoney,
57	John Reardon,
58	Wm. Smith Prefry,
59	Arthur Switzer,
60	Wm. H. Gannon,
61	John E. Dewhurst,
62	Geo. Fairbrother,
63	Chas. Cowdrey,
64	J. Williams,
65	Mrs. J. Perry,
66	Mrs. J. Bottomley,
67	Wm. F. Hannon,
68	Frank Dewire,

No.	Names.
69	Edw. Morris,
70	J. A. Hannon,
71	Cris Walker,
72	Rodger Barrington,
73	C. Delhanty,
74	J. P. Gregware,
75	John J. Higgins,
76	James F. Ellis,
77	Mrs. S. Dutton,
78	Olive Ormrod,
79	Arthur Downes,
80	Albert Hillon,
81	Norman McMillan,
82	A. Bottomley,
83	Patrick H. Mahoney,
84	John Mittall,
85	John Conway,
86	Dan'l Norcross,
87	T. B. Umpleby,
88	Ed. Costello,
89	Wm. G. Baker,
90	Mrs. Sarah M. Woods,
91	M. V. Dickey,
92	Foster Thurston,
93	Geo. Moore,
94	Fred Mears,
95	Augustus Shedd,
96	Kennith McElman,
97	Peder Holman,
98	H. Sherry,
99	H. Winthrop Pierce,
100	D. Donohue,
101	Orren Maybury,
102	C. B. Frost, Jr.,
103	F. C. Bemis,
104	J. B. Holden, Jr.,
105	J. B. Holden, Jr.,
106	F. H. Parker,
107	F. H. Parker,
108	G. W. Lord,
109	J. F. Foss,
110	John W. Morrell,
111	John Shepherd,
112	G. N. Mills,
113	Wm. Stewart,
114	E. B. Beard,
115	W. A. Holt,

No.	Names.
116	John Crawford,
117	M. O. Ruth,
118	Henry Schmelzer
119	Edw. Joseph Garner,
120	Chas. Lyons,
121	F. Abele,
122	Warren Shedd,
123	Warren Shedd,
124	Warren Shedd,
125	Thos. Talbot,
126	Thos. Talbot,
127	Thos. Talbot,
128	Thos. Talbot,
129	D. W. Costello,
130	C. L. Beck,
131	Mrs. P. J. Bailey,
132	Mrs. P. J. Bailey,
133	Mrs. P. J. Bailey,
134	Mrs. P. J. Bailey,
135	Bertha and John Sutcliff,
136	John H. O'Brien,
137	M. C. Mitchell,
138	H. W. Essex,
139	Robert Fauldo,
140	Geo. P. Greenwood,
141	W. E. Eastman,
142	W. S. Pierce,
143	T. J. McCarty,
144	Fred Gannon,
145	Josiah Wright,
146	Josiah Wright,
147	Owen Murningham,
148	Henry A. Dutton,
149	James W. Manning,
150	John F. Riley,
151	Wm McBride,
152	Chas. Fairbrother,
153	Geo. F. Harndon,
154	Edward Keating,
155	Thos. Lyons,
156	N. P. Jones,
157	N. P. Jones,
158	N. P. Jones,
159	Edw. O'Toole,
160	Elmer E. Cole,
161	Fred Mixon,
162	J. B. Robinson,

No.	Names.	No.	Names.
163	F. M. Blanchard,	179	Henry Mahoney,
164	L. Faulcon,	181	Jos. Brunnell,
165	Benj. Wanson,	182	John J. Hayes,
166	Holden & Co.,	183	Fred Pasho,
167	R. B. Holden,	184	B. Pasho,
168	Ed. Dugan,	185	Wm. Biggerstaff,
169	A. D. Boynton,	186	H. D. Livingston,
170	J. H. Downing,	187	M. A. Buck,
171	H. A. Dutton,	188	Fred Moore,
172	C. J. Hager,	189	Ida Brown,
173	William Lyons,	190	C. L. Page,
174	Frank Gillespie,	191	Philip B. Dolan,
175	Heirs of E. J. Hill,	192	Peter Dolan,
176	Heirs of E. J. Hill,	193	Frederic S. Clark,
177	Geo. E. Simonds,	194	C. A. Wright,
178	Henry Desmazes,	195	Stephen Wesley,

Chas. A. Wright, 1900.

Chas. A. Wright, “

HERBERT A. KING, Town Clerk.



## Fourth Annual Report of the Water Commissioners.

The water continues to be of excellent quality and the supply is ample, though at certain dry periods the pumps have had to work slowly.

Consumers are cautioned against allowing faucets to run in cold weather to prevent freezing, and their attention is called to the fact that this is prohibited by the regulations.

The financial and statistical statements follow.

### MAINTENANCE.

#### RECEIPTS.

Appropriated by Town.....		\$ 603 30
Appropriated by Town (for hydrants) .....		2,300 00
Meter rates.....	\$1,427 32	
Faucet rates.....	1,369 05	
Sundries:		
2 maximum rates .....	53 70	
House boilers.....	3 00	
Hay.....	15 00	
Water for building purposes.....	24 96	
Talbot Mills, street sprinkling.....	13 86	
Guarantee on account of extension of Parker street.....	18 91	
Interest on Talbot Mills' deposit...	11 00	
Repairing hydrants.....	3 30	
Horses.....	13 00	
		<hr/> 2,953 10
		\$ 5,856 40

#### EXPENDITURES.

Interest on bonds.....		\$3,600 00
Norman A. McMillen,		
Services as Superintendent....	\$1,000 00	
Stamps .....	3 00	
Carfares .....	3 85	
Cash paid for sundry labor.....	49 14	
Cash paid on account of express	40	
Use of team.....	33 25	
Supplies .....	94	\$1,090 58
T. A. Ellis,		
Soldering service pipe connections.....		2 25
Amounts carried forward.....	\$1,092 83	\$3,600 00

Amounts brought forward.....		\$1,092 83	\$3,600 00
Fred C. Smith,			
Use of team.....		9 00	
Ludlow Valve Mfg. Co.,			
6 rubber rings for hydrants....	4 90		
6 hydrant wrenches.....	2 95	7 85	
W. A. Wood & Co.,			
Can.....	1 25		
5 gals. cylinder oil.....	2 15		
Cylinder oil, 51½ gals, 43½c.....	22 15	25 55	
Talbot Mills,			
2 diaphragms for 3 in. pump and fittings.....	5 20		
Pipe fittings.....	1 62		
Cylinder oil.....	40		
Coal, 51.95 tons, \$3.40.....	176 63		
Coal, 43.45 tons, \$3.50.....	152 08		
Miscellaneous shop work.....	13 94		
Repairing Water Crane.....	2 24		
Kerosene oil, 51 gals, 10c.....	5 10		
Barrel.....	1 50		
Prestoline polish, 10 lbs.....	3 00		
Black Hawk Packing, 2 5-16 lb.	2 87		
Telephone tolls.....	1 84	366 42	
George L. Dunham,			
Supplies.....		7 30	
Boston & Maine R. R.,			
Freight on 95.4 tons coal.....		71 55	
C. B. Coburn & Co.,			
Packing.....	10 76		
6 Gauge glasses.....	1 80		
Duster.....	2 97	15 53	
Boston Belting Co.,			
50 ft. ¾ in. hose.....	8 32		
Couplings and express.....	60	8 92	
Bartlett & Dow,			
100 ft. tape line.....		3 50	
B. W. Kearney,			
Teaming 95.5 tons coal.....		47 75	
Frost & McDermott,			
Soldering service pipe joint....		75	
New England Water Works Assn.,			
Dues.....		3 50	
Frederic S. Clark,			
Cash paid on account of,			
Freight and express bills.....	1 26		
Letter file.....	10 00	11 26	
Amounts carried forward.....		\$1,671 71	\$3,600 00

Amounts brought forward. ....	\$1,671 71	\$3,600 00
H. R. Barker Mfg. Co.,		
1 Cast iron tee .....	70	
Scannell & Wholey,		
Plates, bolts and labor .....	4 70	
Goheen Mfg. Co.,		
50 gals. carbonizing coating, for standpipe .....	76 47	
E. Hodge & Co.,		
Labor and materials used in painting standpipe .....	\$291 75	
Calking standpipe .....	35 00	326 75
Butterfield Printing Co., envelopes		3 00
Edward F. Carley,		
Cash paid on account of :		
Stamps .....	4 00	
Labor pumping wells .....	61 33	
Labor on leaks .....	1 88	
Express charges .....	40	
Freight on paint .....	1 53	
Grass seed .....	1 00	
Services as clerk .....	100 00	170 14
Lawler Printing Co., notices .....		2 00
New England Tel. & Tel. Co.,		
Telephone service .....		26 52
Municipal Engineering Co.,		
Subscription to "Municipal Engineering" .....		2 00
Herbert L. Eaton,		
Services at pumping station during time of painting standpipe .....		34 26
H. D. Livingston, use of team at standpipe .....		1 50
Hartford Steam Boiler Ins. & Ins. Co.,		
Premium on boiler policy .....		75 00
T. E. Smith,		
Repairing ventilators on stand- pipe .....	7 50	
		<hr/> 2,402 25
		<hr/> \$6,002 25
Expenditures .....		6,002 25
Receipts .....		\$5,856 40
Deficit .....		<hr/> \$145 85

## CONSTRUCTION ACCOUNT.

## RECEIPTS.

Balance on hand, March 1, 1901....		\$45 41
Appropriated by Town, (on account of Water Deficit).....		396 70
Service piping .....	\$381 23	
Meters.....	241 50	
Cement lined pipe and fittings sold	55 81	
Repairing meters.....	3 00	
Stop and waste valves.....	4 00	
		<hr/> 685 54
		<hr/> \$1,127 65

## EXPENDITURES.

Service Piping.		
Walworth Mfg. Co.,		
Miscellaneous pipe fittings.....		\$40 29
John A. Richardson,		
Miscellaneous pipe fittings and service piping tools.....		88 91
Chadwick Lead Works,		
Lead for making service con- nections .....		7 55
S. C. Nightingale & Childs,		
Sectional covering.....		4 63
Frost & McDermott,		
Making lead connections.....	3 00	
Supplies .....	3 00	6 00
The Sumner & Goodwin Co.,		
Miscellaneous pipe fittings.....		92 15
C. L. Burton, sharpening tools.....		2 21
P. J. Sexton, sharpening tools.....		5 68
Frederic S. Clark,		
Cash paid on account of :		
Express and freight charges...		1 70
Thompson Hardware Co., exploders		2 00
N. A. McMillen,		
Cash paid on account of :		
Labor. ....	3 56	
Freight charges.....	60	
Use of team. ....	60 20	\$ 64 36
Edward F. Carley,		
Cash paid on account of :		
Labor on service pipe trenches	275 90	
Freight and express charges...	4 40	280 30
Amount carried forward .....		<hr/> \$595 78



Amount brought forward.....		\$595 78	
Staples Brothers, Cement lined pipe.....		198 97	
Talbot Mills, Labor on vise block .....	1 15		
Lead pipe.....	3 65		
Pipe covering.....	66	5 46	\$ 800 21
Meters.			
Various kinds .....	270 48		
Talbot Mills, Boxing meters.....	73		
N. A. McMillen, Express on meter.....	25		
Use of team setting meters..	1 50		
Edward F. Carley, Express on meters.....	1 00		
Union Water Meter Co., Repairing meters.....	3 00		276 23
Land.			
E. Worthington, Copy of plans and specifica- tions for grading pumping sta- tion lot .....	6 70		
Edward F. Carley, Cash paid on account of grad- ing at pumping station .....	24 26		
Josiah Wright, Labor at standpipe lot.....	20 25		
			51 21
Total expenditures.....			\$1,127 65

## CONSTRUCTION ACCOUNT — To March 1, 1902.

Cost of Works to March, 1, 1901.....		\$91,705 87
Expended March 1, 1901 to March 1, 1902,		
Service Piping and Meters.....	\$ 390 90	
Land .....	51 21	
		442 11
Total to March 1, 1902.....		\$92,147 98

Respectfully submitted,  
 FREDERIC S. CLARK,  
 J. NELSON PARKER,  
 CHAS. H. KOHLRAUSCH, JR.  
 Water Commissioners.

## SUMMARY OF STATISTICS FOR THE YEAR ENDING FEB. 28, 1902.

(In form recommended by the New England Water Works Association.)

Population by Census of 1900 : 2780.

Date of construction: 1898.

By whom owned: Town.

Source of supply: Driven wells.

Mode of supply: Pumping to standpipe.

## PUMPING.

1. Builders of pumping machinery: Barr Pumping Engine Co.
2. Description of fuel used.
  - a. Kind: Bituminous.
  - b. Brand of coal: George's Creek.
  - c. Average price of coal per gross ton, delivered: \$4.70.
3. Coal consumed for the year: 231,035 lbs. For pumping only: 165,210 lbs.
6. Total pumpage for the year: 21,946,359 gallons without allowance for slip.
7. Average static head against which pumps work: 275 feet.
8. Average dynamic head against which pumps work: 317½ feet.
9. Number of gallons pumped per pound of coal: 95.
10. Duty figured on total coal consumed: 25,108,771.  
 Duty figured on coal consumed for pumping: 35,167,392.  
 Cost of pumping, figured on pumping station expenses, viz : \$1,608.50.
11. Per million gallons pumped: \$73.29.
12. Per million gallons raised one foot (dynamic): \$0.23  
 Cost of pumping, figured on total maintenance, viz: \$6,002.25.
13. Per million gallons pumped: \$273.45.
14. Per million gallons raised one foot (dynamic): \$0.86.

## FINANCIAL.— Maintenance.

## RECEIPTS.

## From consumers:—

A. Water rates, fixture.....	\$1,357.61	
B. Water rates, meter .....	1,427.32	
C. Net receipts for water.....	—	\$2,784 93
D. Miscellaneous.....		48 21
E. Total from consumers.....	—	\$2,833 14

## From public funds:—

F. Hydrants .....	\$2,300 00	
I. Public buildings.....	119 96	
J. General appropriations.....	749 15	
Total from public funds..	—	3,169 11
K. Gross receipts from all sources		\$6,002 25

## EXPENDITURES.

AA.	Management and repairs.....	\$2,402 25
BB.	Interest on bonds.....	3,600 00
CC.	Total.....	<u>\$6,002 25</u>

## FINANCIAL. — Construction.

## RECEIPTS.

Q.	From balance of previous year.....	\$ 45 41
S.	From appropriations from tax levy.....	396 70
V.	Total.....	<u>\$442 11</u>

## EXPENDITURES.

GG.	Extension of services.....	\$390 90
II.	Special (reservoirs, pumps, etc.).....	51 21
JJ.	Total construction for year.....	<u>\$442 11</u>
W.	Net cost of works to date.....	\$92,147 98
X.	Bonded debt at date... ..	90,000
Y.	Value of Sinking Fund at date.....	5,062 75
Z.	Average rate of interest, 5 per cent.	

## CONSUMPTION.

1. Estimated total population at date: 2800.
2. Estimated population on lines of pipe: 1800.
3. Estimated population supplied: 1330.
4. Total consumption for the year: 21,946,359 gallons.
7. Average daily consumption: 60,316 gallons.
9. Gallons per day to each consumer: 45.

## DISTRIBUTION.

## MAINS.

1. Kind of pipe: Cast iron.
2. Sizes: From 6 inch to 12 inch.
5. Total now in use: 9.7 miles.
6. Cost of repairs per mile: \$2.12.
7. Number of leaks per mile: 1.
10. Number of hydrants (public and private) now in use: 101.
12. Number of stop gates now in use: 84.
14. Number of blow-off gates: 4.
15. Range of pressure on mains: 54 lbs. to 120 lbs.

## SERVICES.

16. Kind of pipe: Wrought iron, cement-lined.
17. Sizes: 1'', 1½''.
18. Extended: 1707 feet.  
Service pipe put in during year within street lines: 744 feet.  
Average per service put in during year within street lines:  
41.3 feet.  
Total now in within street lines: 7,416.7 feet.  
Average per service within street lines: 32.8 feet.
20. Total now in use: 2.92 miles, 15,431 feet.
21. Number of service taps added during year: 18.
22. Number now in use: 225.
23. Average length of service: 68.58 feet.
25. Number of meters added: 20.
26. Number now in use: 83.
27. Percentage of services metered: 36.
28. Percentage of receipts from metered water: 51.2 per cent.



# COMMONWEALTH OF MASSACHUSETTS.

## STATE BOARD OF HEALTH.

### WATER ANALYSIS.—Parts in 100,000.

DATE.	APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.		AMMONIA.			Chlorine.	NITROGEN AS		Oxygen Consumed.	Hardness.	Iron.
	Turbidity.	Sediment.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Free.	Total.	In Solution.	In Suspension.	Nitrates.	Nitrites.	
1901.															
March	None	V. Slight	.07	None	None	6.10	.....	.....	.0008	.0020	.....	.....	.0270	.0001	.02
April	None	V. Slight	.05	None	None	6.00	.....	.....	.0008	.0020	.....	.....	.0120	.0001	.05
May	V. Slight	V. Slight	.07	None	None	7.20	.....	.....	.0010	.0014	.....	.....	.0150	.0000	.02
June	None	V. Slight	.04	None	None	6.60	.....	.....	.0010	.0020	.....	.....	.0130	.0000	.02
July	V. Slight	V. Slight	.03	None	None	5.60	.....	.....	.....	.0020	.....	.....	.0080	.0000	.09
Aug.	None	V. Slight	.08	None	None	5.40	.....	.....	.0008	.0022	.....	.....	.0020	.0000	.03
Sept.	V. Slight	V. Slight	.05	None	None	6.60	.....	.....	.0008	.0046	.....	.....	.0130	.0000	.09
Oct.	V. Slight	V. Slight	.18	None	None	6.20	.....	.....	.0010	.0020	.....	.....	.0080	.0000	.09
Nov.	V. Slight	V. Slight	.07	None	None	6.30	.....	.....	.0006	.0016	.....	.....	.0050	.0000	.12
Dec.	V. Slight	None	.08	None	None	6.80	.....	.....	.0012	.0035	.....	.....	.0100	.0000	.10
1902.															
Jan.															
Feb.															

## PUMPING STATION RECORD.—For Year Ending February 28, 1902.

MONTHS.	Days Pump in Operation.	Time Pump in Operation.		Average Per Day.		Gallons Pumped.	Average Per Day.	Daily Consumption. Gallons.	POUNDS OF COAL USED.		
		H.	M.	H.	M.				For Pumping.	For Fire Protection.	TOTAL.
1901—March .....	25	88	45	3	33	1,961,960	78,478	63,289	16,312	6,061	22,373
April .....	21	61	15	2	55	1,636,664	77,936	54,555	13,612	5,210	18,822
May .....	21	59	10	2	49	1,669,826	79,515	53,865	12,488	6,097	18,585
June .....	25	71	30	2	51	1,979,996	79,199	65,999	13,740	6,059	19,799
July .....	22	73	45	3	21	2,078,542	94,479	67,501	14,674	5,346	20,020
August .....	20	53	45	2	41	1,772,962	88,648	57,192	12,362	4,890	17,252
September ...	18	48		2	40	1,639,570	91,087	54,652	11,980	4,608	16,588
October .....	9*	15	30	1	43	1,183,438	131,493	38,175	8,131	2,157	10,288
November ...	20	60	40	3	2	1,940,178	97,009	64,672	15,271	5,236	20,507
December ...	25	57	25	2	18	1,860,250	74,410	60,008	14,369	6,817	21,186
1902—January .....	25	64	5	2	34	2,006,526	80,261	64,726	15,027	6,542	21,569
February ....	27	73	5	2	42	2,216,447	82,090	79,159	17,244	6,802	24,046
Totals .....	258	726	55	33	9	21,946,359	1,054,605	723,793	165,210	65,825	231,035
Monthly Average..	22	60	34	2	46	1,828,863	87,884	60,316	13,767	5,455	19,253

\*Boiler Feed Pump used during time of painting Standpipe.

## Treasurer's Report.

DR.

Balance, cash on hand March 1, 1901.....	\$ 1,382 00
Money received during the year and credited as follows:	

### GENERAL ACCOUNT.

Received from A. H. Jones, collector, 1897.....	10 15	
A. H. Jones, collector, 1898.....	1,811 23	
A. H. Jones, collector, 1899.....	1,661 82	
A. H. Jones, collector, 1900.....	2,478 03	
A. H. Jones, collector, 1901.....	26,368 56	
		32,329 79
Balance 1900 corporation tax.....		5 56
Balance corporation tax 1901.....		7,247 66
Received National Bank tax.....		277 67
Borrowed on town notes in anticipation of taxes under vote passed March 25, 1901....		30,000 00

### CATTLE INSPECTOR.

Received from Commonwealth account of cattle Inspector's salary, 1899 and 1900.....	416 32
--	--------

### STATE AID.

Received of Commonwealth.....	488 00
-------------------------------	--------

### WATER DEPARTMENT.

Received from water commissioners.....	3,638 64
--	----------

### TOWN FARM.

Received from J. C. Parker, superintendent....	2,322 84	
Received account of board of H. McKee.....	333 70	
		2,656 54

## INCIDENTALS.

Received from school department, account of.		
Heating Union hall.....	\$100 00	
Lexington & Boston R.R.,		
account of hearing.....	9 00	
Use of hall.....	63 00	
Use of scales, North Billerica...	20 07	
Use of scales, Billerica Centre..	19 20	
Lowell & Boston St R.R.,		
account of council fees.....	50 00	
T. E. Smith (old plank).....	1 04	
Gilbert & Barker (returned		
barrels).....	5 03	
Alvah S. Baker.....	5 00	
James F. Savage.....	3 26	
Auctioneer and slaughter license	7 00	
T. F. Lyons.....	30	
	<hr/>	\$282 90

## FIRE DEPARTMENT.

Received from sale of hand tub.....	5 00
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## NEW SCHOOLHOUSE.

Received from sale of bonds.....	25,000 00
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## SCHOOLHOUSE SINKING FUND.

Received premium on school bonds.....	1,177 50
---------------------------------------	----------

## CEMETERIES.

Received from sale of lots.....	108 00	
sale of wood, etc.....	23 04	
Gray fund.....	15 85	
Thompson fund .....	69 81	
	<hr/>	216 70

## INTEREST.

Received interest on schoolhouse loan from		
Estabrook & Co.....	17 01	
Received interest on schoolhouse loan from		
Talbot mills .....	496 67	
	<hr/>	513 68



## OUTSIDE RELIEF.

Received from Mrs. John Canning.....	\$60 75	
City of Lowell.....	37 51	
Commonwealth .....	4 00	
	<hr/>	\$102 26

## JANITORS AND POLICE.

Received from Police Court, Lowell.....	20 00	
School Dept., account of Jani- tors' Union Hall.....	35 00	
	<hr/>	55 00

## HIGHWAYS.

Received from C. A. Wright (manure) .....	7 00	
F. A. Fisher (gravel).....	272 84	
Street R. R. tax.....	1,871 49	
Bridge appropriation.....	89 73	
Maple street appropriation.....	52 00	
	<hr/>	2,293 06

## SCHOOLS.

Received from A. Bottomley, account of dam- age to Talbot school.....	7 50	
State, account of Supt.....	625 00	
County, account of dog tax ....	361 95	
School committee, account of coal used by building com- mittee.....	72 00	
	<hr/>	1,066 45

## STATE SCHOOL FUND.

Received from state income of school fund....	588 08
---	--------

## RAILROAD ACCOUNT.

Received from Lowell & Boston Street R. R., account of bond to build from Billerica Centre to Lowell.....	1,000 00
Total receipts.....	<hr/> 110,742 81

Paid approved bills during the year and charge of same to the following accounts:

Schools.....	\$10,046 25
Highways .....	5,899 95
Bridges.....	1,069 35
Fire department .....	1,400 66
Incidentals .....	1,692 74
Janitors and police .....	1,546 94
Outside relief.....	745 13
Debt appropriation.....	1 450 00
Interest .....	2,072 32
Insurance.....	404 00
Sinking fund and bond interest (town hall)....	2,000 00
Registrars of voters.....	112 50
Cemeteries .....	464 18
Common .....	75 00
Selectmen .....	425 00
Assessors.....	250 00
Overseers of poor.....	200 00
School committee .....	240 00
Town clerk.....	200 00
Town treasurer.....	300 00
Tax collector .....	250 00
Election officers .....	96 00
Cattle inspector, 1900.....	41 30
Cattle inspector, 1901.....	98 10
Fish warden.....	100 00
Board of Health.....	62 50
Auditors.....	45 00
Sidewalk .....	139 89
Tree warden.....	100 00
Water bond sinking fund .....	1,800.00
Town water .....	25 44
Memorial Day .....	100 00
New school house.....	24,049 04
School loan sinking fund .....	1,177 50
Conveying scholars (Shawsheen district).....	191 00
Conveying scholars (above 6th grade).....	398 75
Memorial for site of First meeting house .....	250 00
Painting and repairing Union hall .....	370 85
Macadam road .....	328 20
Maple street.....	146 64
Street lighting.....	700 00

Amount carried forward.....

\$61,064 23

Amount brought forward.....		\$61,064 23
Preserving records .....		458 00
Interest on Winthrop Faulkner fund .....		40 00
State aid ....		405 00
Water department .....		7,129 90
Anticipation notes (1900).....		9,000 00
School plan (appropriation of 1900) .....		300 00
Street marker (appropriation of 1900).....		116 50
County tax .....		2,488 69
Town farm.....		3,471 62
Anticipation notes (1901).....		22,000 00
State tax .....		1,465 34
State school fund.....		583 63
		<hr/>
		\$108,522 91
Balance on hand to credit of new school building,	\$950 96	
General fund.....	1,268 94	
	<hr/>	
		2,219 90
		<hr/>
		\$110,742 81
		<hr/>

HERBERT A. KING, Treasurer.

GEO. P. GREENWOOD,	}	Auditors.
WM. STEVENSON,		
ARTHUR L. BLODGETT,		

REPORT OF TRUST FUNDS IN HANDS OF TREASURER, FEB.  
28, 1902.

Bowers fund and Joseph Stearns fund for care of poor in Billerica.

Amount of fund, February 28, 1901..... \$15,209 50

Received income during the year..... 683 83

---

15,893 33

Paid during the year on order of committee... 1027 37

Amount of fund February 28, 1902..... \$14,865 96

ACCOUNTING.

Lowell Institution for Savings..... 227 05

Five Cent Savings Bank..... 728 22

City Institution for Savings..... 627 37

Central Savings Bank..... 706 79

Mechanics Savings Bank..... 1099 17

Town notes..... 9160 00

Chessman Mtg..... 1800 00

Potts Mtg..... 500 00

Cash on hand..... 17 36

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Amount of fund February 28, 1902..... 14,865 96

Thompson fund, care of Fox Hill cemetery,  
\$1000:

Amount of fund February 28, 1901..... 1016 05

Received income..... 67 65

---

1083 70

Paid during year..... 83 70

---

Amount of fund February 28, 1902..... 1000 00

Betsey Cowdry fund, care of lot in North  
cemetery, \$50:

Amount of fund, February 28, 1901..... 53 06

Received income..... 1 84

---

54 90

Paid..... 2 00

---

Amount of fund, February 28, 1902..... 52 90

Abbott Singing School fund, \$1400:

Amount of fund, February 28, 1901..... 1627 08

Received income..... 79 24

---

Amount of fund, February 28, 1902..... 1706 32

---

Amount carried forward..... \$17,625 18



Amount brought forward.....		\$17,625 18
Winthrop Faulkner fund, for library, \$1000:		
American Loan and Trust Co. bond, face value	\$750 00	
City Institution for Savings.....	252 10	
Received income.....	4 16	
	<hr/>	1006 26
Gray cemetery fund, for Fox Hill, \$500:		
Amount of fund, February 28, 1901.....	500 00	
Received income.....	15 85	
	<hr/>	
	515 85	
Paid .....	15 85	
	<hr/>	
Amount of fund, February 28, 1902.....		500 00
Shed fund, for care of Manning lot, North cemetery, \$100:		
Amount of fund, February 28, 1901.....	121 14	
Received income.....	4 52	
	<hr/>	
	125 66	
Paid .....	3 00	
	<hr/>	
Amount Feb. 28, 1902 .....		122 66
Sarah E. Frost fund, for care of Frost lot in Fox Hill, \$100:		
Amount of fund, February 28, 1901.....	107 44	
Received income.....	3 78	
Amount of fund, February 28, 1902.....	<hr/>	111 22
Calvin Rogers fund, for care of family lot and of neglected graves, \$300:		
Amount of fund, Feb. 28, 1901.....	448 12	
Received income .....	15 42	
	<hr/>	
	463 44	
Paid .....	22 00	
	<hr/>	
Amount Feb. 28, 1902 .....		441 54
Sweetser fund, care of Richardson lot, South cemetery, \$1,000:		
Amount of fund, Feb. 28, 1901 .....	1,232 92	
Received income.....	49 58	
	<hr/>	
	1,282 50	
Paid .....		
Amount Feb. 28, 1901.....		1,282 50
	<hr/>	
Amount carried forward.....		\$21,089 36

Amount brought forward.....		\$21,089 36
Samuel Foster fund, care of lot in South cemetery, \$100:		
Amount of fund, Feb. 28, 1901.....	\$126 02	
Received income.....	5 10	
	<hr/>	
	131 12	
Paid .....		
Amount Feb. 28, 1902 .....		131 12
A. W. Patten fund, care of lot in Fox Hill, \$300:		
Amount of fund, Feb. 28, 1901.....	326 46	
Received income.....	11 51	
	<hr/>	
	337 97	
Paid .....		
Amount Feb. 28, 1902 .....		337 97
Josiah Rogers fund, care of lot in North cemetery, \$200:		
Amount of fund, Feb. 28, 1901 .....	210 32	
Received income.....	7 28	
	<hr/>	
	217 60	
Paid .....	8 00	
	<hr/>	
Amount Feb. 28, 1902.....		209 60
Isaac Knapton fund, care of lot in North cemetery, \$100:		
Amount of fund, Feb. 28, 1901 .....	104 08	
Received income.....	3 61	
	<hr/>	
	107 69	
Paid .....	4 00	
	<hr/>	
Amount Feb. 28, 1902 .....		103 69
Bryant fund, for care of lot in North cemetery, \$150:		
Amount of fund, Feb. 28, 1901 .....	159 18	
Received income .....	5 44	
	<hr/>	
	164 62	
Paid .....	9 00	
	<hr/>	
Amount of fund, Feb. 28, 1902 .....		155 62
Jaquith fund, for care of Franklin and Lucy Jaquith lot in South cemetery, \$100:		
Amount of fund, Feb. 28, 1901 .....	102 00	
Received income.....	3 86	
	<hr/>	
Amount of fund, Feb. 28, 1902.....		105 86
Amount carried forward.....		<hr/>
		\$22,133 22

Amount brought forward.....		\$22,133 22
Amos Gray fund. \$200, for care of Amos Gray lot in North cemetery:		
Amount of fund, Feb. 28, 1901.....	\$204 00	
Received income.....	7 53	
	<hr/>	
	211 58	
Paid .....	8 00	
	<hr/>	
Amount of fund Feb. 28, 1902.....		\$203 58
Sawyer fund. \$114, for care of Jeremiah and Henry Allen lots in North cemetery:		
Amount of fund, Feb. 28, 1901.....	115 90	
Received income.....	4 52	
	<hr/>	
Amount of fund, Feb. 28, 1902.....		120 42
Bohonan Fund. \$75 for care of family lot in Fox Hill cemetery:		
Amount of fund, Feb. 28, 1901 .....	75 00	
Received income during the year.....	2 64	
	<hr/>	
Amount of fund Feb. 28, 1902 .....		77 64
Thomas Sumner fund, for care of lot in South cemetery. Deposited with the town during the current year:		
Amount of fund.....		100 00
Francis V. Noyes fund for care of lot in North cemetery. Deposited with the town during the current year:		
Amount of fund.....		200 00
Joel Baldwin fund for care of lot in Fox Hill cemetery. Deposited with the town during the current year:		
Amount of fund.....		100 00
	<hr/>	
Total amount of trust funds.....		\$ 22,934 86
	HERBERT A. KING,	
	Treasurer.	

Examined and approved March 4th, 1902.

GEO. P. GREENWOOD,  
WM. STEVENSON,  
ARTHUR L. BLODGETT,  
Auditors.

## Financial Statement Year Ending February 28, 1902.

Balance cash on hand.....		\$2,219 90
due from tax collector, 1897.....		16 04
due from tax collector, 1898.....		505 64
due from tax collector, 1899.....		2,525 35
due from tax collector, 1900.....		3,820 49
due from tax collector, 1901.....		6,530 68
		<hr/>
Total assets.....		15,618 10
Less town notes borrowed in anticipation of taxes of 1901.....	\$8,000 00	
Less balance due collector for salary, 1898, 1899, 1900, 1901.....	400 00	
Less balance due record preserving appro- priation.....	42 00	
Less balance due schools on account of State school fund.....	4 45	
Less balance due cemetery appropriation.....	152 52	
Less unexpended balance due new school house	950 96	
		<hr/>
		9,549 93
		<hr/>
Surplus .....		6,068 17
HERBERT A. KING,		
Town Treasurer.		
GEO. P. GREENWOOD,		
WM. STEVENSON,		
ARTHUR L. BLODGETT,		
Auditors.		



# Financial Condition of the Town, Feb. 28, 1902.

## TOWN NOTES.

Payee.	Date.	Due.	Rate.	Amount.
Trustees Howe school	June 3, 1852	1 year.	6 per ct.	\$1,000 00
Bowers fund .....	Dec. 1, 1871	Demand.	5 " "	5,960 00
" " .....	June 18, 1878	"	5 " "	400 00
" " .....	May 15, 1874	"	5 " "	800 00
Trustees Howe school	July 12, 1878	"	6 " "	1,000 00
" " "	Aug. 13, 1878	"	6 " "	1,000 00
" " "	Sept. 11, 1879	"	6 " "	1,500 00
" " "	Mar. 20, 1880	"	6 " "	1,400 00
" " "	Aug. 4, 1880	"	6 " "	500 00
*Bowers fund.....	Nov. 3, 1885	"	5 " "	2,000 00
Payable to bearer...	May 1, 1898	1902	4½ " "	650 00
¶ " " " " ...	May 1, 1898	1903	4½ " "	650 00
¶ " " " " ...	May 1, 1898	1904	4½ " "	650 00
‡ " " " " ...	Aug. 22, 1900	1903	4 " "	1,500 00
Floating debt Feb. 28, 1902.....				19,010 00
Less surplus .....				6,068 17
				<hr/> \$19,010 00
Bonded debt, Town Hall.....			30,000 00	
Less sinking fund.....			6,419 54	
			<hr/>	23,580 46
Bonded debt, water works.....			90,000 00	
Less sinking fund.....			5,062 75	
			<hr/>	84,937 25
Bonded debt, school house.....			25,000 00	
Less sinking fund.....			1,177 50	
			<hr/>	23,822 50
Total indebtedness of the town, Feb 28, 1902..				<hr/> 151,350 21

OBJECT OF LOANS - \*Talbot School. || Stone Crusher. ¶ Talbot Avenue. ‡ Pollard Annex.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

HERBERT A. KING,  
Treasurer.

## Billerica Town Hall Sinking Fund.

### COMMISSIONERS' REPORT.

Amount of sinking fund February 28, 1901.....	\$5,422 77
Received town appropriation.....	800 00
Received income during the year.....	196 77
Amount of fund February 28, 1902 .....	<u>\$6,419 54</u>

### ACCOUNTING.

Lowell Five Cent Savings Bank .....	\$1,037 25
City Institution for Savings .....	983 05
Traders National Bank (savings department) ..	964 37
Lowell Institution for Savings.....	909 00
Mechanics Savings Bank .....	844 81
Merrimack River Savings Bank .....	881 06
Central Savings Bank .....	800 00
	<u>\$6,419 54</u>

FREDERIC A. MOREY,  
JOSEPH F. TALBOT,  
FRANKLIN JAQUITH,  
Sinking Fund Commissioners.

## Auditors' Report.

We present the following report as showing the proper distribution of all cash receipts and disbursements for the year 1901.

### Regular Appropriations.

#### SCHOOLS.

##### Receipts.

Appropriation .....	\$9,000 00
From state, account of salary of supt.....	625 00
From state school fund.....	588 08
From county, account of dog tax.....	361 95
For sundry items .....	79 50
	<hr/>
	\$10,654 53

##### Expenditures.

Amount expended.....	\$10,629 88	
Balance unexpended (regular).....	20 20	
Balance unexpended (state fund).....	4 45	
	<hr/>	10,654 53

#### HIGHWAYS.

##### Receipts.

Appropriation .....	\$3500 00
Street railway tax.....	1,871 49
Excise tax.....	1,514 24
For gravel.....	272 84
For labor, Maple st.....	52 00
For labor, bridges.....	89 73
For sundries.....	7 00
	<hr/>
	\$7,307 30

##### Expenditures.

Amount expended.....	\$5,899 95	
Balance unexpended.....	1,407 35	
	<hr/>	\$7,307 30

## BRIDGES.

## Receipts.

Appropriation .....	\$1,500 00
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## Expenditures.

Amount expended.....	\$1,069 35
Balance unexpended.....	430 65
	<hr/>
	1,500 00

## FIRE DEPARTMENT.

## Receipts.

Appropriation .....	\$1,500 00
For sundries.....	5 00
	<hr/>
	\$1,505 00

## Expenditures.

Amount expended.....	\$1,400 66
Balance unexpended.....	104 34
	<hr/>
	1,505 00

## INCIDENTALS.

## Receipts.

Appropriation.....	\$1,500 00
From schools, for heating Union hall.....	100 00
For use of scales, North Billerica.....	20 07
For use of scales, Billerica Center .....	19 20
On account of counsel, Lowell & B. St. R. R....	50 00
For use of town hall.....	63 00
For sundries.....	30 63
	<hr/>
	\$1,782 90

## Expenditures.

Amount expended.....	\$1,692 74
Balance unexpended .....	90 16
	<hr/>
	1,782 90

## TOWN FARM.

## Receipts.

Appropriation .....	\$1,000 00
From farm proceeds.....	2,322 84
From board of inmates.....	333 70
	<hr/>
	\$3,656 54

## Expenditures.

Amount expended.....	\$3,471 62
Balance unexpended .....	184 92
	<hr/>
	3,656 54



## JANITOR AND POLICE.

## Receipts.

Appropriation.....	\$1,500 00
From police court .....	20 00
For care of Union Hall school .....	35 00
	<hr/>
	\$1,555 00

## Expenditures.

Amount expended.....	\$1,546 94
Balance unexpended.....	8 06
	<hr/>
	1,555 00

## OUTSIDE RELIEF.

## Receipts.

Appropriation .....	1,200 00
From City of Lowell.....	37 51
From Mrs. John Canning.....	60 75
From State.....	4 00
	<hr/>
	\$1,302 26

## Expenditures.

Amount expended.....	\$745 13
Balance unexpended.....	557 13
	<hr/>
	1,302 26

## DEBT APPROPRIATION.

## Receipts.

Appropriation .....	\$1,450 00
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## Expenditures.

For Note, Estabrook & Co.....	\$650 00
For Note, Old Colony Trust Co.....	500 00
For Note, Stearns Estate.....	300 00
	<hr/>
	1,450 00

## INTEREST.

## Receipts.

Appropriation .....	\$1,700 00
From Talbot Mills, school house loan deposit..	496 67
From Estabrook & Co., school house loan deposit	17 01
	<hr/>
	\$2,213 68

## Expenditures.

Amount expended.....	\$2,072 32
Balance unexpended.....	141 36
	<hr/>
	2,213 68

## INSURANCE.

## Receipts.

Appropriation .....	\$300 00
Excess of expenditures over receipts.....	104 00
	<hr/>
	\$404 00

## Expenditures.

Amount expended.....	404 00
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## SINKING FUND AND BOND INTEREST—TOWN HALL.

## Receipts.

Appropriation .....	2,000 00
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## Expenditures.

Amount expended.....	2,000 00
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## SOLDIERS' RELIEF.

## Receipts.

Appropriation.....	50 00
No expenditures.	

## REGISTRARS OF VOTERS.

## Receipts.

Appropriation .....	100 00
Excess of expenditures over receipts .....	12 50

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112 50

## Expenditures.

Amount expended .....	112 50
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## CEMETERIES.

## Receipts.

Appropriation .....	400 00
From sale of lots.....	108 00
Thompson fund .....	69 81
Gray fund.....	15 85
sale of wood.....	23 04

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616 70

## Expenditures.

Amount expended .....	464 18
Balance due cemetery on account of sale of lots and income of funds.....	152 52

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616 70

## COMMON.

## Receipts.

Appropriation .....	\$75 00
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## Expenditures.

Amount expended .....	75 00
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## SELECTMEN.

## Receipts.

Appropriation .....	425 00
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## Expenditures.

Amount expended .....	425 00
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## ASSESSORS.

## Receipts.

Appropriation .....	\$250 00
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## Expenditures.

Amount expended .....	250 00
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## OVERSEERS OF POOR.

## Receipts.

Appropriation .....	\$200 00
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## Expenditures.

Amount expended .....	200 00
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## SCHOOL COMMITTEE.

## Receipts.

Appropriation .....	\$180 00
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Expenditures in excess of receipts .....	60 00
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	\$240 00
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## Expenditures.

Amount expended .....	240 00
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## TOWN CLERK.

## Receipts.

Appropriation .....	\$200 00
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## Expenditures.

Amount expended .....	200 00
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## TOWN TREASURER.

## Receipts.

Appropriation .....	\$300 00
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## Expenditures.

Amount expended.....	300 00
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## TAX COLLECTOR.

## Receipts.

Balance unexpended account of 1898, 1899, 1900	\$300 00
Appropriation .....	350 00
	<hr/>
	\$650 00

## Expenditures.

Amount expended.....	\$250 00	
Balance unexpended due.....		
Collector upon collection of taxes.....	400 00	
	<hr/>	\$650 00

## ELECTION OFFICERS.

## Receipts.

Appropriation ..	\$100 00
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## Expenditures.

Amount expended.....	\$96 00
Balance unexpended.....	4 00
	<hr/>
	\$100 00

## CATTLE INSPECTOR.

## Receipts.

Appropriation .....	\$100 00
Excess of expenditures over receipts.....	39 40
	<hr/>
	\$139 40

## Expenditures.

Amount expended.....	\$139 40
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## FISH WARDEN.

## Receipts.

Appropriation .....	\$100 00
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## Expenditures.

Amount expended.....	\$100 00
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## BOARD OF HEALTH.

## Receipts.

Appropriation .....	\$50 00
Excess of expenditures over receipts.....	12 50
	<hr/>
	\$62 50

## Expenditures.

Amount expended .....	\$62 50
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## AUDITORS.

## Receipts.

Appropriation .....	45 00
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## Expenditures.

Amount expended.....	\$45 00
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## SIDEWALKS.

## Receipts.

Appropriation .....	\$100 00
Excess of expenditures over receipts.....	39 89
	<hr/>
	\$139 89

## Expenditures.

Amount expended .....	\$139 89
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## TREE WARDEN.

## Receipts.

Appropriation .....	\$100 00
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## Expenditures.

Amount expended.....	\$100 00
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## SEALER OF WEIGHTS AND MEASURES.

## Receipts.

Appropriation .....	\$50 00
No expenditures.	

## WATER BOND SINKING FUND.

## Receipts.

Appropriation .....	\$1800 00
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## Expenditures.

Amount expended.....	\$1800 00
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## TOWN WATER.

## Receipts.

Appropriation .....	\$100 00
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## Expenditures.

Amount expended.....	\$25 44
Balance unexpended....	74 56
	<hr/>
	\$100 00

## MEMORIAL DAY.

## Receipts.

Appropriation .....	\$100 00
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## Expenditures.

Amount expended.....	\$100 00
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## CONVEYING SCHOLARS—SHAWSHEEN DISTRICT.

## Receipts.

Appropriation .....	\$200 00
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## Expenditures.

Amount expended.....	\$191 00
Balance unexpended.....	9 00
	<hr/>
	\$200 00

## CONVEYING SCHOLARS ABOVE SIXTH GRADE.

## Receipts.

Appropriation .....	\$350 00
Excess of expenditures over receipts.....	48 75
	<hr/>
	\$398 75

## Expenditures.

Amount expended.....	\$398 75
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## MEMORIAL SITE OF FIRST MEETING HOUSE.

## Receipts.

Appropriation .....	\$250 00
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## Expenditures.

Amount expended.....	\$250 00
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## PAINTING AND REPAIRING UNION HALL.

## Receipts.

Appropriation .....	\$500 00
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## Expenditures.

Amount expended .....	\$370 85	
Balance unexpended .....	129 15	
	<hr/>	\$500 00

## MACADAM ROAD.

## Receipts.

Appropriation .....		1,500 00
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## Expenditures.

Amount expended .....	328 20	
Balance unexpended .....	1,171 80	
	<hr/>	1,500 00

## MAPLE STREET.

## Receipts.

Appropriation .....		200 00
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## Expenditures.

Amount expended .....	146 64	
Balance unexpended .....	53 36	
	<hr/>	200 00

## STREET LIGHTING.

## Receipts.

Appropriation .....		700 00
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## Expenditures.

Amount expended .....		700 00
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## WATER DEPARTMENT.

## Receipts.

Balance due construction account .....	\$ 45 41	
Appropriation, hydrants .....	2,300 00	
Appropriation, deficit .....	1,000 00	
For meter rates .....	1,427 32	
For faucet rates .....	1,369 05	
For sundry receipts .....	156 73	
For construction .....	685 54	
	<hr/>	\$6,984 05
Excess of expenditures over receipts .....	145 85	
	<hr/>	\$7,129 90

## Expenditures.

For interest .....	\$3,600 00	
For all other expenses .....	3,529 90	
	<hr/>	7,129 90

## PRESERVATION OF RECORDS.

Receipts.		
Appropriation .....		\$500 00
Expenditures.		
Amount expended.....	\$458 00	
Balance unexpended.....	42 00	
	<hr/>	\$500 00

## WINTHROP FAULKNER FUND.

Receipts.		
Appropriation .....		\$40 00
Expenditures.		
Amount expended.....		\$40 00

## STATE AID.

Expenditures .....	\$405 00
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## SCHOOL HOUSE LOAN.

Receipts.		
For Sale of Bonds.....		\$25,000 00
For Premium on same.....		1,177 50
	<hr/>	\$26,177 50

Expenditures.		
Amount expended .....	\$24,049 04	
Applied to Sinking Fund.....	1,177 50	
Balance unexpended.....	950 96	
	<hr/>	\$26,177 50

## CORPORATION AND BANK TAX.

Receipts.		
From State .....		\$7,530 89
Expenditures.		
For State Tax.....	\$1,382 50	
For Sudbury Meadow Tax.....	82 84	
Excess paid by State.....	6,065 55	
	<hr/>	\$7,530 89

## ANTICIPATION OF TAX.—NOTES.

Receipts.		
Balance due Feb. 28, 1901 .....		9,000 00
Borrowed during year .....		30,000 00
	<hr/>	39,000 00

## Expenditures.

Notes paid during year .....	\$31,000 00	
Balance due Feb. 28, 1902 .....	8,000 00	
	<hr/>	\$39,000 00

## DUE ACCOUNT OF CATTLE INSPECTOR, 1900.

Received from state .....	416 32
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## DUE ACCOUNT OF STATE AID, 1900.

Received from state .....	488 00
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## MARKING STREETS.

## Receipts.

Appropriation .....	150 00
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## Expenditures.

Amount expended .....	116 50	
Balance unexpended .....	33 50	
	<hr/>	150 00

## RAILROAD FORFEIT OF BOND.

Received .....	1,000 00
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## SCHOOLHOUSE PLAN.

Amount paid .....	300 00
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## COUNTY TAX.

Amount paid county treasurer .....	2,488 69
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## TAXES.

## Balance due from Collector, February 28, 1901.

Taxes assessed 1897 .....	\$ 26 19	
1898 .....	2,316 87	
1899 .....	4,187 17	
1900 .....	6,298 52	
	<hr/>	\$12,828 75
Taxes assessed 1901 .....	\$31,385 00	
Excise tax, 1901 .....	1,514 24	
	<hr/>	32,899 24
		<hr/>
		\$45,727 99

## Received by Collector, and paid Treasurer, during year.

Taxes assessed 1897.....	\$ 10 15	
1898.....	1,811 23	
1899.....	1,661 82	
1900.....	2 478 03	
(Excess tax \$1,514 24) 1901.....	26,368 56	
		<u>\$32,329 79</u>

## Balance due from Collector, February 28, 1902

Taxes assessed 1897.....	\$ 16 04	
1898.....	505 64	
1899.....	2,525 35	
1900.....	3,820 49	
1901.....	6,530 68	
		<u>\$13,398 20</u>

## RECAPITULATION.

## Cash Receipts.

Balance on hand February 28, 1901.....	\$1,382 00
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## Income :

Schools .....	\$1,654 53	
Highways .....	3,807 30	
Fire Department.....	5 00	
Incidentals .....	282 90	
Town Farm.....	2,656 54	
Janitor and Police.....	55 00	
Outside Relief.....	102 26	
Interest.....	513 68	
Cemeteries .....	216 70	
Water Department.....	3,638 64	
School Loan.....	1,177 50	
School Loan.....		\$25,000 00
Corporation and Bank Tax....	7,530 89	
Anticipation Notes.....		30,000 00
Account of Cattle Inspector...		416 32
State Aid.....	488 00	
Railroad Forfeit.....	1,000 00	
Taxes (less excise tax included) in highways .....		30,815 55
	<u>\$23,128 94</u>	<u>\$86,231 87</u>
		23,128 94
		<u>109,360 81</u>
		<u>\$110,742 81</u>



# Recapitulation.

## CASH PAYMENTS.

### Expense:

Schools .....	\$10,629 88	
Highways .....	5,899 95	
Bridges .....	1,069 35	
Fire Dept. ....	1,400 66	
Incidentals .....	1,692 76	
Town Farm .....	3,471 52	
Janitor and Police .....	1,546 94	
Outside Relief .....	745 13	
Debt Appropriation .....	1,450 00	
Interest .....	2,072 32	
Insurance .....	404 00	
Sinking Fund and Bond Interest .....	2,000 00	
Registrars .....	112 50	
Cemeteries .....	464 18	
Common .....	75 00	
Selectmen .....	425 00	
Assessors .....	250 00	
Overseers of Poor .....	200 00	
School Committee .....	240 00	
Town Clerk .....	200 00	
Town Treasurer .....	300 00	
Tax Collector .....	250 00	
Election Officers .....	96 00	
Cattle Inspector .....	139 40	
Fish Warden .....	100 00	
Board of Health .....	62 50	
Auditors .....	45 00	
Sidewalks .....	139 89	
Tree Warden .....	100 00	
Water Bond Sinking Fund .....	1,800 00	
Town Water .....	25 44	
Memorial Day .....	100 00	
Conveying Scholars Shawsheen .....	191 00	
Conveying Scholars .....	398 75	
Memorial Site .....	250 00	
Painting and Repairing Union Hall .....	370 85	
Macadam Road .....	328 20	
Maple Street .....	146 64	
Street Lighting .....	700 00	
Water Department .....		\$45 41
Water Department .....	7,084 49	
Preservation of Records .....	458 00	
Winthrop Faulkner Fund .....	40 00	
State Aid .....	405 00	
School House Loan .....		24,049 04
School House Sinking Fund .....	1,177 50	
State Tax .....	1,465 34	
County Tax .....	2,488 69	
Anticipation Notes .....		31,000 00
Marking Streets .....	116 50	
Schoolhouse Plan .....		300 00
	<hr/>	
	\$53,128 46	\$55,394 45
		53,128 46
Balance on hand, February 28, 1902 .....		2,219 90
		<hr/>
		\$110,742 81

## SINKING FUNDS.

## TOWN HALL.

Amount of bonds issued, \$30,000. Year, 1894.

Amount of sinking fund, February 28, 1902, \$6,419.54  
25-year bonds.

## WATER.

Amount of bonds issued, \$90,000. Year, 1898.

Amount of sinking fund, February 28, 1902, \$5,062.75  
30-year bonds.

## SCHOOL HOUSE.

Amount of bonds issued, \$25,000. Year 1901.

Amount of sinking fund, February 28, 1902. \$1,177.50  
20-year bonds.

## TRUST FUNDS IN HANDS OF TREASURER.

Bowers fund and Joseph Stearns fund.....	\$14,865 96
Abbott singing school fund (principal \$1,400.00).....	1,706 32
Winthrop Faulkner fund (library).....	1,006 26
Cemetery funds.....	5,356 32
	<hr/>
	\$22,934 86

## COLLECTION OF DOG LICENSE FEES BY TOWN CLERK.

## Receipts.

For 185 males .....	\$370 00	
10 females .....	50 00	
	<hr/>	
	420 00	
Less fees.....	39 00	
	<hr/>	
		381 00

This amount is properly receipted for by the county treasurer.

We, the undersigned auditors of the Town of Billerica, have examined the accounts of the several town officers, and find the same correct and with proper vouchers.

We would especially recommend that the "Incidentals" account be divided, and stand as "Incidentals" and "Maintenance of Halls." That the town direct the Collector of Taxes to proceed at once to collect all unpaid taxes assessed previous to 1901.

Respectfully submitted,

GEO. P. GREENWOOD,  
WM. STEVENSON,  
ARTHUR L. BLODGETT,  
Auditors.

## Report of the Collector of Taxes.

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For the year ending February 28, 1902.

Balance uncollected 1901.....	\$6,530 68
1900.....	3,820 49
1899.....	2,525 35
1898.....	505 64
1897.....	16 04

Total amount collected and paid Treasurer from February 28, 1901 to February 28, 1902, \$32,329.79.

A. H. JONES,  
Collector.

## Overseers of the Poor.

There have been eight inmates a part of the year ; there are five at the present time. Three deaths have occurred during the year, Derias Quimby, age 79 years ; Henry McKee, 83 years ; Mary Donovan, 48 years.

Number of tramps lodged and fed at the Almshouse the last year, 313.

### TOWN FARM ACCOUNT.

To appraisal of personal property at Town		
Farm, February 13, 1901 .....	\$3,968 72	
To appraisal of personal property at town farm		
January 14, 1902 .....	3,287 00	
Balance against the almshouse owing to depreciation of personal property .....		\$ 681 72
Expenses at the almshouse for the year.....	3,471 62	
Receipts at almshouse for the year.....	2,656 54	
		815 08
Appropriation for the almshouse for the year.		1,000 00
Amount not expended.....		\$184 92

SEARS J. COOK,  
EDWARD B. HASKELL,  
RICHARD T. CONWAY,  
Overseers of the Poor.

## EXPENSES AT TOWN FARM.

## MARCH, 1901.

Paid J. C. Parker and wife, superintendent and matron...	\$42 00
Alexis Couta, labor.....	20 00
Bridget Murray, labor.....	6 43
E. E. Cole, grain.....	45 12
J. E. Bull, dry goods.....	6 13
E. Hapgood & Son, mattress.....	3 00
F. H. Parker, groceries.....	2 44
F. H. Parker, crackers and bread.....	7 12
Jennie Perry, groceries.....	8 85
Geo. L. Dunham, groceries.....	3 23
A. S. Cook, meat.....	6 75
J. G. Birtwell, meat.....	1 08
J. Plummer, brewer's grain.....	27 00
A. J. Chapman, repairing chair.....	3 00
S. K. Dexter, butter.....	5 80

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 \$ 187 95

## APRIL.

Paid J. C. Parker and wife.....	\$42 00
William Gillis, labor.....	20 00
Bridget Murray, labor.....	12 86
Peter L. Walgreen, labor.....	5 00
Dr. M. A. Buck, medical attendance on town's poor to April 1, 1901.....	32 50
P. J. Sexton, blacksmith bill.....	16 58
S. K. Dexter, butter.....	3 60
S. T. Stanley, manure.....	7 00
Henry W. Thompson, soap.....	12 50
W. S. Stewart, meat.....	3 69
Parker Coal and Wood Co., manure.....	26 00
A. S. Cook, meat.....	10 50
G. M. Teel, fish.....	4 66
J. Plummer, brewer's grain.....	26 00
E. E. Cole, grain.....	51 39
Sundry small bills.....	2 10

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 \$ 276 38

## MAY.

Paid J. C. Parker and wife.....	\$ 42 00
William Gillis, labor.....	20 00
Lena Couta, labor.....	6 86
Geo. Wheeler, labor.....	13 34
Amount carried forward.....	\$82 20



Amount brought forward.....	\$ 82 20
Edward Lashua, labor.....	3 00
A. S. Cook, meat.....	10 68
E. E. Solls, two pigs.....	6 00
J. Plummer, brewer's grain.....	27 50
L. C. Hall, ashes.....	6 16
F. A. Tuttle, ham.....	2 52
Bartlett & Dow, hardware and seeds.....	6 35
H. E. Noyes & Son, potatoes.....	4 50
Holden & Co., flour and tea.....	14 32
S. K. Dexter, butter.....	6 08
Talbot Chemical Co., potash.....	1 20
E. E. Cole, grain.....	43 55
S. K. Dexter, potatoes.....	3 90
F. H. Parker, crackers and bread.....	10 75
F. H. Parker, groceries.....	2 64
H. L. Shedd, onion sets and seeds.....	5 85
F. A. Morey, groceries.....	10 50
G. F. Dunham, groceries.....	9 58
S. K. Dexter, potatoes.....	4 20
T. M. Carigan, two cows.....	127 00
Sundry small bills.....	4 27
	<hr/>
	\$392 75

## JUNE.

Paid J. C. Parker and wife.....	\$ 42 00
William Gillis, labor.....	20 00
Elinor Couto, labor.....	12 86
Thomas Hiland, labor.....	4 12
Edward Lashua, labor.....	16 50
Alexis Couto, labor.....	11 00
George Wheeler, labor.....	3 00
Bridget Murray, labor.....	3 00
J. Plummer, brewer's grain.....	15 50
E. E. Cole, grain.....	36 00
P. W. Brown, whitewashing.....	21 50
E. E. Cole, coal.....	86 20
Jennie Perry, groceries.....	16 31
W. F. Cogswell, potatoes.....	2 40
F. A. Tuttle, groceries.....	4 91
Chas H. French, tomato plants.....	4 88
E. M. Bartlett, undertaker.....	20 00
J. E. Bull, dry goods.....	9 41
H. E. Noyes & Son, potatoes.....	8 00
W. H. Spaulding & Co., wall paper.....	2 30
	<hr/>
Amount carried forward.....	\$339 89

Amount brought forward.....	\$339 89
Bartlett & Dow, hardware .....	4 78
Geo. F. Dunham, groceries.....	6 73
P. J. Sexton, blacksmith.....	15 30
A. S. Cook, meat .....	11 48
Sundry small bills .....	9 72

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\$ 387 90

## JULY.

Paid J. C. Parker and wife.....	\$42 00
William Gillis, labor.....	20 00
Leonore Coutu, labor.....	13 29
Daniel Calahan, labor.....	7 50
Wm. Colby, labor .....	7 25
John Kelly, labor .....	8 25
Wm. F. Balmforth, labor.....	2 50
J. Plummer, brewer's grain .....	23 00
Edward Lashua, labor.....	3 00
Bridget Murray, labor.....	3 00
C. B. Cook, labor.....	2 00
H. E. Noyes & Son, flour .....	4 65
S. K. Dexter, butter.....	4 70
E. M. Bartlett, undertaker .....	23 00
S. J. Cook, hay .....	33 83
Bartlett & Dow, hardware.....	8 11
Clarence B. Balmforth, labor.....	2 50
Sundry small bills .....	2 58

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\$ 211 16

## AUGUST.

Paid J. C. Parker and wife.....	\$42 00
William Gillis, labor.....	20 00
Wm. Colby, labor .....	12 00
Bridget Murray, labor.....	13 29
Daniel Calahan, labor .....	15 50
Elenor Couta, labor .....	1 29
James Hiland, labor .....	2 90
F. H. Parker, crackers and bread.....	15 36
S. K. Dexter, butter and lard.....	6 30
Bartlett & Dow, hardware.....	4 93
Daniel Seaver, standing rye .....	9 00
F. H. Parker, groceries.....	9 99
J. Plummer, brewer's grain .....	16 90
E. E. Cole, grain .....	48 23
James E. Gorman, shoes.....	90

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Amount carried forward..... \$218 59

Amount brought forward.....	\$218 59
F. A. Morey, grain .....	63 33
Frye & Flynn, mattress .....	2 50
P. J. Sexton, blacksmith.....	20 15
T. M. Corrigan, two cows.....	115 00
Sundry small bills .....	1 52
	<hr/>
	\$ 421 09

## SEPTEMBER.

Paid J. C. Parker and wife.....	\$ 42 00
Wm. Gillis, labor .....	20 00
Bridget Murray, labor.....	11 58
John Murphy, labor.....	3 00
Geo. Smith, labor .....	4 50
Wm. Colby, labor .....	12 00
Thomas Bennett, labor.....	6 00
S. K. Dexter, butter and lard.....	7 64
F. A. Tuttle, ham .....	1 82
J. G. Birtwell, meat .....	1 69
J. Plummer, brewer's grain.....	17 90
H. E. Noyes & Son, flour.....	4 40
A. S. Cook, meat .....	34 33
F. A. Morey, grain .....	39 02
Hildreth Brothers, casting .....	5 25
P. J. Sexton, blacksmith .....	5 10
Billerica Market, meat.....	6 79
G. M. Teel, fish .....	11 47
E. E. Cole, grain .....	34 42
Sundry small bills .....	3 50
	<hr/>
	\$272 41

## OCTOBER.

Paid J. C. Parker and wife .....	\$ 42 00
Wm. Gillis labor.....	14 63
Wm. J. Colby, labor.....	2 00
Bridget Murray, labor.....	3 86
Thomas Bennett, labor .....	12 00
A. S. Cook, meat.....	5 66
F. H. Parker, crackers and bread.....	3 68
Fred H. Parker, groceries.....	4 39
J. Plummer, brewer's grain .....	19 20
H. F. Shedd, fertilizer.....	37 65
E. E. Cole, grain .....	28 22
J. Perry, groceries.....	19 12
	<hr/>
Amount carried forward.....	\$192 41

Amount brought forward.....	\$192 41
F. A. Tuttle, meat.....	4 54
Geo. L. Dunham, groceries.....	29 43
F. A. Morey, grain .....	28 48
P. Ryan, meat.....	1 50
S. C. Sherley, medicines.....	6 80
Wm. Colby, labor .....	7 35
Albert Jones, one bull.....	27 50
Sundry small bills.....	3 63
	<hr/>
	\$301 64

## NOVEMBER.

Paid J. C. Parker and wife.....	\$ 42 00
William Gillis, labor.....	21 54
Bridget Murray, labor .....	8 58
Wm. Smith, labor.....	8 65
F. A. Morey, grain .....	32 47
F. W. Cheney, hardware .....	14 30
Wm. H. Hutchings, pasturing cow .....	5 00
W. H. Livingston, doctoring cow .....	3 00
Robert Barris, repairing harness .....	18 20
T. F. Severance, crackers.....	3 30
E. E. Cole, grain .....	39 67
H. E. Noyes & Son, potatoes .....	8 50
P. J. Sexton, blacksmith .....	33 36
J. Plummer, brewer's grain .....	13 00
S. K. Dexter, butter.....	5 20
Geo. F. Orcut & Co., carpet .....	2 00
James E. Gorman, shoes .....	2 30
Chas. C. Johnson, repairing harness and shoes .....	4 38
S. K. Dexter, butter and lard.....	7 40
W. S. Eaton, veterinary .....	2 50
S. K. Dexter, butter and lard.....	6 00
F. A. Tuttle, meat.....	1 54
Sundry small bills .....	6 45
	<hr/>
	\$ 289 34

## DECEMBER.

Paid J. C. Parker and wife.....	\$42 00
Wm. Gillis, labor.....	20 00
Bridget Murray, labor.....	7 50
Wilber Smith, labor.....	10 00
E. E. Cole, grain .....	60 69
J. Plummer, brewer's grain.....	2 50
M. O. Flanhaven & Co., stove .....	3 25
	<hr/>
Amount carried forward.....	\$145 94

Amount brought forward .....	\$145 94
W. C. Stewart, meat.....	13 70
W. E. Hatch, milling lumber.....	1 50
John E. Bull, dry goods .....	10 17
John Mountford, rubber boots.....	3 00
A. J. Chapman, repairing lounge.....	3 00
C. W. Parsons, use of cart.....	2 25
A. C. H. Jones, one cow.....	65 00
Sundry small bills .....	2 40
	<hr/>
	\$ 246 96

## JANUARY, 1902.

Paid J. C. Parker and wife.....	\$ 42 00
Wm. Gillis, labor.....	20 00
Edward Lashua, labor .....	3 00
Wm. Ryan, labor.....	3 00
W. Brown, labor .....	2 50
S. K. Dexter, butter.....	6 90
Geo. L. Dunham, groceries.....	15 34
F. A. Parker, crackers and bread .....	12 56
G. M. Teel, fish .....	6 11
F. A. Tuttle, meat.....	2 77
F. H. Parker, groceries.....	5 03
Henry W. Thompson, soap.....	15 75
E. E. Cole, grain .....	40 31
F. A. Morey, grain .....	11 36
Holden & Co., flour .....	11 03
J. Plummer, brewer's grain .....	13 20
A. Pearsons, blacksmith.....	3 55
C. W. Parsons, cutting ice .....	9 00
S. J. Cook, expenses collecting money .....	
due Henry McKee .....	1 70
P. J. Sexton, blacksmith .....	16 38
Sundry small bills .....	3 55
	<hr/>

\$245 04

## FEBRUARY.

Paid J. C. Parker and wife.....	\$ 42 00
Wm. Gillis, labor .....	20 00
Bridget Murray, labor.....	12 16
E. E. Cole, grain .....	34 27
Baptist Society, pew rent .....	5 00
Jennie Perry, groceries....	25 70
Holden Bros., sugar and tea.....	19 25
F. A. Tuttle, meat.....	1 07
	<hr/>
Amount carried forward.....	\$159 45



Amount brought forward.....	\$159 45
J. Barrington, labor.....	4 48
J. E. Bull, dry goods.....	4 37
Bartlett & Dow, hardware .....	11 95
J. Plummer, brewer's grain .....	23 52
F. A. Morey, crackers and tinware.....	4 07
A. S. Cook, meat .....	19 91
F. H. Parker, groceries.....	4 37
F. A. Parker, crackers .....	6 88
	<hr/>
	\$239 00

## SALES AT TOWN FARM.

## MARCH, 1901.

Received for milk .....	\$ 139 05
fruit .....	3 95
vinegar .....	40
eggs .....	21 51
poultry .....	3 23
vegetables.....	2 15
calves .....	7 50
lumber .....	14 00
	<hr/>
	\$ 191 79

## APRIL.

Received for milk .....	\$ 160 30
calves .....	3 50
vegetables .....	75
eggs .....	8 44
poultry .....	1 50
	<hr/>
	\$ 174 49

## MAY.

Received for milk.....	\$ 143 50
eggs.....	8 59
poultry .....	75
vegetables .....	92
labor .....	1 25
calves .....	5 00
	<hr/>
	\$160 01

## JUNE.

Received for milk .....	\$ 185 77
eggs .....	10 57
cow and bull .....	82 50
vegetables.....	30
	<hr/>
	\$279 14

## JULY.

Received for milk .....	\$ 134 42
eggs .....	7 33
board .....	28 30
vegetables .....	2 28
fruit .....	1 11
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	\$ 173 44

## AUGUST.

Received for milk .....	\$ 162 28
eggs .....	6 46
cow hide .....	2 00
vegetables .....	8 09
one calf .....	2 50
	<hr/>
	\$ 181 33

## SEPTEMBER.

Received for milk .....	\$ 116 03
vegetables .....	50 87
eggs .....	6 94
	<hr/>
	\$ 173 84

## OCTOBER.

Received for milk .....	\$ 108 18
eggs .....	10 11
vegetables .....	53 24
	<hr/>
	\$ 171 53

## NOVEMBER.

Received for milk .....	\$ 129 97
eggs .....	5 52
vegetables .....	28 87
poultry .....	14 95
labor .....	68 60
one cow .....	8 50
board .....	5 00
	<hr/>
	\$ 261 41

## DECEMBER.

Received for fowls .....	\$ 14 25
board .....	50 25
milk .....	91 73
eggs .....	82
vegetables .....	8 50
labor .....	36 00
one calf .....	2 00
	<hr/>
	\$ 203 55

## JANUARY, 1902.

Received for milk .....	\$ 81 63
board .....	6 00
eggs .....	1 87
poultry .....	8 30
calves .....	9 25
labor .....	24 00
wood .....	3 00
Received of Mrs Helen French, board of Henry McKee, from May 31, 1898, to Aug. 11, 1901, one hundred and sixty-six weeks .....	\$332 00
Expense of collecting money due Henry McKee ..	1 70
	<hr/>
	\$467 75

## FEBRUARY.

Received for milk .....	\$ 151 13
eggs .....	5 20
calves .....	8 85
board .....	38 25
vegetables .....	3 60
beef .....	11 22
	<hr/>
	\$218 25

# Appraisal of Personal Property at Town Farm.

FEBRUARY 14, 1902.

Nineteen cows.....	\$ 755 00
One bull.....	30 00
Three horses.....	300 00
Twelve tons of hay.....	216 00
Twenty-five tons of ensilage.....	125 00
Grain.....	23 20
Manure.....	275 00
Eight tons coal.....	50 00
Wood.....	85 00
Lumber and logs.....	50 00
Beans.....	5 50
Harnesses.....	60 00
Ice.....	62 00
One hundred and twenty fowls.....	78 00
Blankets and robes.....	12 00
One four-spring wagon.....	60 00
One market wagon.....	50 00
One one-horse wagon.....	40 00
Covered and Concord wagons.....	20 00
Two tip carts.....	80 00
Manure spreader.....	30 00
One pung.....	15 00
Two sleds.....	30 00
One one-horse power.....	60 00
One corn planter and seed sower.....	15 00
Two ensilage cutters and carrier.....	55 00
One hay tedder and horse rake.....	25 00
One hay fork and ropes.....	25 00
One weeder.....	10 00
Farming tools.....	100 00
Ice tools.....	8 00
Boxes and barrels.....	3 00
Paints, brushes and glass.....	5 00
Furniture in Superintendent's rooms.....	42 00
Furniture in inmates' rooms.....	50 00
Amount carried forward.....	\$2,849 70

Amount brought forward.....	\$2,849 70
Furniture in old men's rooms.....	15 00
Contents of attic .....	20 00
Contents of tramp house .....	8 00
Blankets and comforters .....	20 00
Sheets, table linen and towels.....	30 00
Kitchen furniture and cooking utensils.....	60 00
Earthen, glass and stoneware .....	25 00
Knives, forks and spoons.....	5 00
Milk dishes, pails and cooler .....	8 00
Hotbed, sash and shutters.....	14 00
Lanterns, cans and oil.....	5 00
Vinegar and casks.....	64 00
Pork and hams .....	33 70
Butter and lard.....	12 30
Vegetables and soap.....	38 30
Preserves and pickles .....	6 00
Groceries.....	37 50
Dry goods .....	5 50
Feather beds .....	30 00
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	\$3,287 00



## Outside Relief.

Paid board of Mary Morrissey at Worcester Insane Asylum	\$169 46
J. L. Fairbanks & Co., printing report blanks .....	5 60
aid rendered Mrs. Rachel Conroy .....	45 06
Mrs. W. Kiley and Mary Donovan .....	115 08
John Houlton .....	9 24
Edward Keyes and family .....	10 00
Mrs. Kate Jeffcocks and family .....	35 00
board of Lawrence Bohonnan at Orphan Asylum ....	38 36
aid rendered John C. McPhee and family .....	6 00
M. A. Buck for medical attendance on town's poor from April 1 to Oct. 1, 1901 .....	37 50
aid rendered Mrs. Maria Russell .....	28 00
Aaron Patia .....	40 00
Willie R. Emerson .....	88 35
S. J. Cook, expenses on account of poor .....	7 32
aid rendered Mary J. Doyle and family .....	53 14
Mrs. Blood .....	1 02
Mrs. George and son .....	48 00
Mary J. Murphy for medical attendance	2 00
Mrs. Agnes Jackson and son .....	6 00
	\$ 745 13
Received from City of Lowell .....	\$ 37 51
Received from Mrs. John Canning .....	60 75
Received from State of Massachusetts .....	4 00
	\$ 102 26
Appropriation .....	1,200 00
	1,302 26
Amount expended .....	745 13
	557 13

SEARS J. COOK,  
EDWARD B. HASKELL,  
RICHARD J. CONWAY,  
Overseers of the Poor.

## Highways.

BILLERICA, Feb. 28, 1902.

To the Honorable Board of Selectmen :

I render the following report of work done from March 1, 1901, to March 1, 1902.

Filling track on Lowell street.....	\$ 19 60
Sprague Street graveled, 400 ft. long, 10 ft. wide, 4 in. deep.....	40 00
Near Fordway bridge, graveled 300 ft. long, 22 ft. wide, 9 in. deep.....	83 60
Patching at the North.....	20 85
Chelmsford road, graveled 450 ft. long, 9 ft. wide, 5 in. deep.....	35 80
Treble cove road near C. L. Smithes, graveled 1,150 ft. long, 20 ft. wide, 9 in. deep.....	262 75
Scraping ruts and raking stone.....	297 25
Filling track on Boston road.....	19 75
Parker street, graveled 480 ft long, 12 ft. wide, 6 in. deep.....	75 80
Laying over culvert near T. Lyons'.....	17 50
Cleaning under R. R. bridge at North.....	17 50
Near Winnings Pond, graveled 200 ft. long, 10 ft. wide, 6 in. deep.....	18 50
Near S. E. Beard's, graveled 250 ft. long, 10 ft. wide, 5 in. deep.....	30 25
Patching at Centre.....	15 10
Near F. A. Morey's store, graveled 150 ft. long, 12 ft. wide, 4 in deep.....	17 50
Work of teams on Maple street.....	52 00
Canal street, graveled 670 ft. long, 12 ft. wide, 8 in. deep.....	69 80
Scraping gutters and graveling near Geo. Miller's, 650 ft. long, 12 ft. wide 4 in. deep.....	77 00

Laying over culvert near E. Richardson's.....	\$ 17 00
Boston road near Sprague's bridge, scraping gutters and graveling 820 ft. long, 20 ft. wide, 6 in. deep.....	158 25
Patching.....	7 75
Near C. Bowman's, laying over culvert and raking stone.....	13 25
Raking stone and cleaning streets at Center.....	17 50
Andover street, East Billerica, graveled 375 ft. long, 12 ft. wide, 6 in. deep .....	35 25
Raking stone.....	35 70
Near J. Holt's, graveled 450 ft. long, 12 ft. wide, 6 in. deep.....	57 25
Laying over culvert on Allen road.....	15 25
Raking stone and cleaning streets North.....	15 25
Raking stone and cleaning streets Center.....	15 25
Near R. T. Perry's, graveled 250 ft. long, 12 ft. wide, 6 in. deep.....	32 50
Billerica avenue, graveled 150 ft. long, 12 ft. wide, 6 in. deep.....	15 25
Laying Bank wall and filling near North Cemetery..	118 75
Work on Manning road.....	7 75
Graveling corner of Elm and Lowell streets.....	142 25
Corner of Talbot avenue and Elm street, paving gutter and cobble curbing and graveling side-walk.....	65 75
Tufts lane, grading and graveling 550 ft. long, 15 ft. wide, 4 in. thick.....	150 15
Near Geo. Greenwood's, graveled 425 ft. long 12 ft. wide, 6 in. deep.....	42 60
Near J. Stearns's, graveled 120 ft. long, 12 ft. wide, 6 in. deep.....	15 25
Near Hill's bridge, graveled 900 ft. long, 14 ft. wide, 6 in. deep.....	90 25
Near A. Merriam's, graveled 225 ft. long, 8 ft. wide, 5 in. deep.....	18 75
Near J. Conley's, graveled 200 ft. long, 9 ft. wide, 8 in. deep.....	18 75
Church street, graveled 1,350 ft. long, 18 ft. wide, 9 in. deep.....	286 90
Rocky Hill, graveled 350 ft. long, 10 ft. wide, 5 in. deep.....	40 90

Raking stone North.....	\$ 16 50
Near T. Lyons's, scraping gutters and graveling 1,050 ft. long, 16 ft. wide, 7 in. deep.....	166 15
Corner of Andover street and Boston road, graveled 60 ft. long, 14 ft. wide, 6 in. deep.....	17 50
Corner of River street and Boston road, graveled 150 ft. long, 10 ft. wide 6 in. deep.....	15 75
Scraping gutters on hills.....	34 00
Near J. Buckley's, scraping gutters and graveling 500 ft. long, 12 ft. wide, 5 in. deep.....	58 25
Corner of Boston road and Tufts lane, graveled 130 ft. long, 14 ft. wide, 6 in. deep.....	19 25
Boston road near C. L. Smithes, graveled 132 ft. long, 18 ft. wide, 7 in deep.....	21 00
Laying over culvert on Colson street.....	18 75
Blasting stone in South Billerica.....	4 50
Whipple road scraping and graveling.....	19 75
Laying over culvert on Richardson road.....	13 00
Repairing railing on Cook street.....	5 50
Cleaning ditch near A. Brown's.....	3 50
Making gutters and graveling on Harrington hill, 180 ft. long, 14 ft. wide, 6 in. deep.....	25 20
Near D. Lane's, scraping gutters and graveling, 360 ft. long, 14 ft. wide, 6 in. deep.....	50 40
Near A. Handley's, scraping gutters and graveling, 532 ft. long, 10 ft. wide, 4 in. deep.....	38 25
Near G. E. Simonds's, scraping gutters and graveling, 650 ft. long, 12 ft. wide, 4 in. deep.....	65 90
Scraping gutters near A. D. Boynton's.....	13 25
Scraping on Andover and River streets and teaming away sods.....	37 50
River street graveled, 1,250 ft. long, 18 ft. wide, 6 in. deep.....	252 75
Spreading manure around Town Hall and on common	5 50
Scraping gutters on Boston road.....	46 75
Graveling on Bridge hill, 298 ft. long, 12 ft. wide, 6 in. deep.....	47 25
Near Library, graveled 260 ft. long, 20 ft. wide, 9 in. deep.....	125 00
Corner of Boston road and Floyd street graveled, 125 ft. long, 9 ft. wide, 6 in. deep.....	17 90

Near E. Richardson's, graveled 600 ft. long, 10 ft. wide, 6 in. deep.....	\$ 81 80
Graveling pipes and culverts.....	21 75
Graveling, grading at South-east end of Common....	21 75
Nashua road near A. Dutton's, graveled 498 ft. long, 12 ft. wide, 6 in. deep.....	89 20
Corner of Treble cove and Boston road, graveled 102 ft. long, 12 ft. wide, 6 in. deep.....	16 75
Near C. Lyons's, graveled 162 ft. long, 11 ft. wide, 9 in. thick .....	24 50
Between Middle bridge and turnpike, graveled 912 ft. long, 12 ft. wide, 6 in. deep.....	114 75
Widening road near Richardson's school.....	43 25
Near Dea. King's, graveled 570 ft. long, 15 ft. wide, 8 in. deep.....	82 00
Salem road near Page's corner, graveled 898 ft. long, 15 ft. wide, 8 in. deep.....	152 00
Widening road near I. Hopkins's .....	49 00
Mitchell's hall, graveled 300 ft. long, 20 ft. wide, 7 in. deep.....	86 00
Cutting brush.....	16 00
Cleaning culvert near E. Dickerson's.....	9 50
Patching Concord road.....	18 75
Bedford road, graveled 450 ft. long, 10 ft wide, 5 in. deep.....	36 25
Laying bank wall near R. R. bridge at the North....	18 25
Near W. Marsting's, graveling.....	18 85
Laying pipe in front of Hillhurst.. ..	12 88
Repairing catchbasins.....	17 40
Labor and team work on Hill's bridge.....	89 73
Constructing catchbasin and laying pipe at the Centre.	26 50
Dudley road, stoning and graveling near Bedford line.	35 31
Paving crossing at corner of Elm and Lowell streets.	15 50
Cleaning culvert near E. Dickerson's.....	9 50
Constructing guard rail on Richardson road.....	6 80
Constructing guard rail on Rangeway road.....	42 00
Cleaning gutters, raking stone and other small jobs in all localities.....	87 91
Paid for civil engineering.....	11 00
Gravel teamed and piled at Town stable.....	195 75



Work on snow.....	\$178 00
Outside snow bills.....	372 00
Lumber at Town stable.....	35 00
Drain pipe at Town stable.....	66 75
Gravel owned by town.....	110 00

### MACADAM ROAD.

LOCATED ON EAST SIDE OF COMMON.

Grading and constructing, 432 ft. long, 15 ft. wide, 7 in. deep.....	445 10
In front of Dr. Tyler's, grading and putting a course of No. 1 stone 142 ft. long, 21 ft wide, 6 in. deep, unfinished.....	138 10
Stone crushed and piled at crusher.....	45 00
Received from Lowell and Boston Street R. R.....	300 00

EDWARD SPAULDING,

Superintendent.

## HIGHWAY EXPENSES.

Appropriation.

MARCH, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster.....	44 29
John Stahle, 19½ days at \$1.75.....	34 13
John Newell, 14½ days at \$1.75.....	25 38
M. McElligott, 19½ days at \$1.75.....	34 13
Hugh Sherry, 19½ days at \$1.75.....	34 13
A. Ruth, 1 day at \$1.75.....	1 75
B. W. Kearney, snow.....	78 00
Robert Barris, supplies.....	50
F. A. Morey, supplies.....	27 35
C. L. Burton, blacksmith.....	1 90
Boutwell Bros., supplies.....	80
W. A. Sherman, doctor.....	3 00
Oscar Fellows, hay.....	40 70
H. Willard, snow.....	2 40
H. W. Essex, labor.....	4 32
C. C. Johnson, supplies.....	3 21
E. F. Dickinson, gravel.....	1 50
	<hr/>
	\$431 78

APRIL, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	42 86
C. E. Morris, teamster.....	42 86
John Stahle, 21 days at \$1.75.....	36 75
John Newell, 21 days at \$1.75.....	36 75
M. McElligott, 21 days at \$1.75.....	36 75
Hugh Sherry, 21 days at \$1.75.....	36 75
Ed. Spaulding, horse, 14 days at \$1.25.....	17 25
Town of Billerica, water.....	6 50
E. B. Haskell, hay.....	26 00
C. L. Burton, blacksmith.....	3 18
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	\$335 65

## MAY, 1901.

Edward Spaulding, superintendent.....	\$ 36 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster.....	44 29
John Stahle, 14 days at \$1.75.....	24 50
John Newell, 12 days at \$1.75.....	21 00
M. McElligott, 14½ days at \$1.75.....	25 38
Hugh Sherry, 11½ days at \$1.75.....	20 13
Ed. Spaulding, horse, 9 days at \$1.25.....	11 25
J. E. Rowell, posts.....	13 35
C. C. Johnson, supplies.....	3 00
E. E. Cole, grain.....	40 41
J. McClusky, labor.....	6 90
Josiah Wright, 1 day at \$4 00.....	4 00
Thomas Spaulding, 6¾ days at \$3.00.....	20 25
F. A. Morey, supplies.....	29 10
Geo. L. Dunham, supplies.....	92
A. H. Jones, supplies.....	15 00
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	\$359 77

## JUNE, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	42 86
C. E. Morris, teamster.....	42 86
John Stahle, 24½ days at \$1.75.....	42 88
John Newell, 24½ days at \$1.75.....	42 88
M. McElligott, 24½ days at \$1.75.....	42 88
Hugh Sherry, 24½ days at \$1.75.....	42 88
M. V. Dickey, 1 day at \$1.75.....	1 75
Ed. Spaulding, horse, 10 days at \$1.25.....	12 50
American Express, express .....	25
W. H. Sexton, blacksmith.....	40 34
E. A. Barker, painting.....	2 00
C. C. Johnson, supplies.....	2 00
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	\$366 08

## JULY, 1901.

Edward Spaulding, superintendent .....	\$ 50 00
W. M. Batchelder, teamster .....	44 29
C. E. Morris, teamster .....	44 29
John Stahle, 21½ days at \$1.75 .....	37 63
John Newell, 28 days at \$1.75 .....	40 25
M. McElligott, 20½ days at \$1.75 .....	35 88
Hugh Sherry, 25½ days at \$1.75 .....	44 63
Edward Keyes, 6 days at \$1.75 .....	10 50
Josiah Wright, 6 days at \$3.00 .....	18 00
Ed. Spaulding, horse.....	2 50
E. A. Barker, painting .....	2 00
Jackson Wright, repairs .....	2 00
C. L. Burton, blacksmith .....	8 70
E. E. Cole, grain .....	39 57
C. C. Johnson, repairs .....	1 10
F. A. Morey, supplies .....	29 95
American Express Co., express.....	15
Boston & Maine R. R., freight .....	25
N. Nottinson & Co., supplies .....	6 00
James Barker, supplies .....	3 00
Good Road Machine Co., supplies .....	8 50
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	\$429 19

## AUGUST, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster .....	44 29
John Stahle, 25½ days at \$1.75.....	44 63
John Newell, 27 days at \$1.75.....	47 25
M. McElligott, 25 days at \$1.75 .....	43 75
Hugh Sherry, 28 days at \$1.75 .....	49 00
M. V. Dickey, 19½ days at \$1.75.....	34 13
Josiah Wright, 3 days at \$4.00.....	12 00
Ed. Spaulding, horse, 8 days at \$1.25 .....	10 00
E. A. King, labor.....	3 40
W. H. King, labor.....	10 41
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Amount carried forward.....	\$393 15

Amount brought forward.....	\$393 15
B. G. Hutchins, hay.....	46 70
Harrington & King, supplies.....	1 50
Edgar Twombly, labor.....	6 75
E. E. Cole, grain.....	14 50
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	\$462 60

## SEPTEMBER, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	42 86
C. E. Morris, teamster.....	42 86
John Stahle, 24 days at \$1.75.....	42 00
John Newell, 20½ days at \$1.75.....	35 88
M. McElligott, 23½ days at \$1.75.....	41 13
Hugh Sherry, 24½ days at \$1.75.....	42 88
M. V. Dickey, 24 days at \$1.75.....	42 00
D. J. Dewire, 8½ days at \$4.00.....	34 00
Josiah Wright, 5½ days at \$4.00.....	22 00
Ed. Spaulding, use of horse.....	20 00
C. C. Johnson, supplies.....	2 73
Thomas Spaulding, hay.....	18 80
F. A. Morey, supplies.....	20 14
American Express, express.....	15
Talbot Mills, brick.....	3 75
M. H. McElligott, labor.....	1 50
Thompson Hardware Co., supplies.....	7 70
Geo. L. Dunham, supplies.....	2 12
E. A. Barker, painting.....	3 00
C. S. Smith, gravel.....	50 00
E. E. Cole, grain.....	33 87
R. A. Hobbs, gravel.....	11 70
C. L. Burton, blacksmith.....	4 60
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	\$575 67

## OCTOBER, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster.....	44 29
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Amount carried forward.....	\$138 58



Amount brought forward.....	\$138 58
John Stahle, 26 days at \$1.75.....	45 50
John Newell, 23½ days at \$1.75.....	41 13
M. McElligott, 26 days at \$1.75.....	45 50
M. V. Dickey, 19½ days at \$1.75.....	34 13
Hugh Sherry, 26 days at \$1.75.....	45 50
W. B. Bohonan, 1 day at \$1.75.....	1 75
O. E. Bohonan, 2 days at \$1.75.....	3 50
F. Moore, 1 day at \$1.75.....	1 75
L. S. Peary, 2 days at \$3.00.....	6 00
F. A. Morey, supplies.....	20 71
C. C. Johnson, supplies.....	1 50
Oscar Fellows, hay.....	54 20
O. M. Snell, survey.....	7 00
H. W. Essex, labor.....	4 00
G. E. Simonds, 8½ days at \$4.00.....	34 00
A. D. Boynton, 4 days at \$4.00.....	16 00
Ed. Spaulding, horse.....	12 50
Town of Billerica, water.....	6 50
P. J. Sexton, blacksmith.....	8 78
A. H. Jones, hay.....	30 75
E. A. Barker, painting.....	1 50

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\$570 78

NOVEMBER, 1901.

Edward Spaulding, superintendent.....	\$ 35 00
W. M. Batchelder, teamster.....	42 86
C. E. Morris, teamster.....	42 86
John Stahle, 11 days at \$1.75.....	19 25
John Newell, 16 days at \$1.75.....	28 00
M. McElligott, 13 days at \$1.75.....	22 75
Hugh Sherry, 4 days at \$1.75.....	7 00
M. V. Dickey, 2 days at \$1.75.....	3 50
W. B. Bohonan, 5 days at \$1.75.....	8 75
Andrew Benson, 5 days at \$1.75.....	8 75
H. D. Livingston, 2 days at \$4.00.....	8 00
Boston & Maine R. R., freight.....	53
E. E. Cole, grain.....	17 53

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Amount carried forward..... \$244 78

Amount brought forward.....	\$244 78
Holden & Co., supplies.....	4 16
Josiah Wright, labor and supplies.....	41 32
W. H. Sexton, blacksmith .....	42 16
E. A. King, repairs .....	3 50
Bartlett & Dow, supplies.....	2 45
C. L. Burton, blacksmith.....	10 79
F. A. Morey, supplies.....	40 16
C. E. Hosmer, gravel .....	4 60
Osgood & Withersby.....	26 00
O. M. Snell, surveyor .....	6 00
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	\$425 92

## DECEMBER, 1901.

Edward Spaulding, superintendent.....	\$ 50 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster.....	44 29
John Stahle, 18 days at \$1.75.....	31 50
John Newell, 18 days at \$1.75.....	31 50
M. McElligott, 19½ days at \$1.75.....	34 13
Hugh Sherry, 20½ days at \$1.75.....	35 88
M. V. Dickey, 21 days at \$1.75.....	36 75
Josiah Wright, 14 days at \$4.00.....	56 00
Ed. Spaulding, horse 4 days at \$1.25.....	6 00
H. D. Livingston, 3 horses at \$4.00.....	12 00
C. C. Johnson, repairs.....	4 58
Thompson Hardware Co., supplies.....	35
E. E. Cole, grain.....	41 50
Portland Stoneware Co., supplies.....	66 56
E. F. Dickinson, straw.....	10 66
F. A. Morey, supplies.....	6 63
E. A. King, labor.....	8 60
B. G. Hutchins, hay.....	22 90
C. L. Burton, blacksmith.....	5 66
Ceo. P. Greenwood, labor and gravel.....	35 31
P. J. Sexton, repairs.....	1 65
Geo. W. Searles, gravel.....	6 20
A. P. Nickles, gravel.....	6 15
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	\$599 09

## JANUARY, 1902.

Edward Spaulding, Supt.....	\$ 50 00
W. M. Batchelder, teamster.....	44 29
C. E. Morris, teamster.....	44 29
John Stable, 22 days at \$1.75.....	38 50
John Newell, 19 days at \$1.75.....	33 25
M. McElligott, 23 days at \$1.75.....	40 25
Hugh Sherry, 23½ days at \$1.75.....	41 13
M. V. Dickey, 18½ days at \$1.75.....	32 38
G. E. Spaulding, horse.....	4 00
John Farmer, horse.....	2 00
Ed. Spaulding, horse 15½ days at \$1.25.....	19 38
C. L. Burton, blacksmith.....	7 51
Fred H. Parker, supplies.....	14 14
E. B. Haskell, hay.....	12 65
E. E. Cole, grain.....	35 05
H. W. Essex, snow.....	42 80
W. H. Sexton, blacksmith.....	77 14
Charles Moulton, gravel.....	4 35
Josiah Wright, lumber and labor.....	28 50
Warren Shedd, snow.....	41 40
B. W. Kearney, snow.....	69 20
F. L. Mason, snow.....	70 00
Geo. Simonds, snow.....	42 40

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 \$794 61

## FEBRUARY, 1902.

Edward Spaulding, supt.....	50 00
W. M. Batchelder, teamster.....	40 00
C. E. Morris, teamster.....	40 00
John Stable, 20 days at \$1.75.....	35 00
John Newell, 18 days at \$1.75.....	31 50
M. McElligott, 21 days at \$1.75.....	36 75
Hugh Sherry, 21 days at \$1.75.....	36 75
M. V. Dickey, 21 days at \$1.75.....	36 75
W. B. Bohonan, 33½ hours at 20 cents hour.....	6 70
O. E. Bohonan, 33½ hours at 20 cents hour.....	6 70

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 Amount carried forward..... \$320 15

Amount brought forward.....	\$320 15
John Lyons, 17 hours at 20 cents hour .....	3 40
M. McElmon, 19 hours at 20 cents hour.....	3 80
Ed. Spaulding, horse, 12 days at \$1.25.....	15 00
H. D. Livingston, horse, $3\frac{1}{4}$ days at \$4.00.....	13 00
John Farmer, horse, $3\frac{1}{4}$ days at \$4.00.....	13 00
Josiah Wright, $2\frac{1}{2}$ days at \$3.00.....	6 75
H. D. Livingston, 4 hours at 60 cents.....	2 40
John Farmer, 4 hours at 60 cents.....	2 40
George L. Dunham, salt.....	60
Geo. P. Greenwood, snow.....	11 70
Josiah Wright, snow .....	17 20
Gardner Spaulding, labor.....	28 00
Holden & Co., supplies.....	1 27
M. A. Stevens, gravel.....	44 30
	<hr/>
	\$482 97

## Fire Department.

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### LIST OF FIRES THE PAST YEAR.

- March 30. Fire in woods of Michael McGlone. Cause unknown.  
No damage.
- May 3. Fire in brush at Fordway Park. Alarm 11.15 A. M.  
Cause unknown. No damage.
- Sept. 10. Fire in Tewksbury, house and barn of Walter  
Parsons.
- Oct. 31. Fire in house of J. B. Holden, Jr. Alarm 3.15 P. M.  
Cause, electric wires. Damage to house \$592; contents  
\$102.50.
- Dec. 1. Fire in barn of Edward O. Toole. Alarm 9.15 P. M.  
Cause unknown. Total loss, value \$1,500.
- Dec. 2. Fire in brush, rear of Chemical Works. Cause  
unknown. No damage.
- Dec. 22. Fire in house on estate of Betsy A. Knowles. Alarm  
1.45 P. M. Cause defective flue. Damage to building \$90 ;  
contents \$10.
- Feb. 8. Fire in grass near Memorial Hall. Cause, spark from  
engine. No damage.
- 

The Board of Engineers find the equipment of the department in very good condition with the exception of some hose at the North, which has been in use twelve years, and will have to be replaced the coming year, and the varnish on the wagons at the Centre, which is being spoiled by the ammonia from town stable.

The suction hose on Hero was in such bad condition that it had to be condemned and replaced with new, also four hundred feet of leading hose and nozzle.

Two hundred feet of hydrant hose was condemned from the department at the North and replaced with new. Also purchased one dozen shovels for use at brush fires.



We have placed on the Unitarian and Baptist churches at the Centre a key-box beside the entrances. These boxes have a glass front and contain the key to the church. In case of fire, this key can be procured, by the person wishing to give an alarm, by breaking the glass. The Unitarian bell should always be rung for a house fire and the Baptist bell for brush fires, so as to warn the firemen what they need for equipment.

We would recommend that some improvement be made in regard to building at Centre for keeping apparatus, as the present quarters are crowded and it is impossible to keep varnish on wagons, on account of ammonia from town stable. We would recommend that a committee be appointed to investigate this matter.

We would recommend that if the steamer could be sold at an advantage, that it be done and replaced with two chemical engines, one for the Centre and one for the North. This we think would be a great addition to the department and give us a great advantage over our present means of fighting fires, and furnish additional protection to property owners outside the pipe line.

We would recommend that the sum of \$1,500 be raised and appropriated, for the expense of the Fire Department for the coming year.

L. W. BUCKLEY,  
CHARLES A. WRIGHT,  
WARREN HOLDEN,  
Board of Engineers.

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Appropriations.....	\$1,500 00
Pay Roll Steamer one.....	\$388 30
Pay Roll Engine two.....	258 31
D. J. Dewire, use of horse.....	45 50
H. D. Livingston, use of horse.....	11 00
P. Falcom, watching fires.....	2 40
E. F. Twombly, watching fires.....	1 00
J. H. Baker, watching fires.....	1 00
J. E. Farmer, watching fires.....	1 00
I. McDermott, watching fires.....	1 00
E. C. Frost, watching fires.....	1 50

O. O. Toole, watching fires.....	2 00
H. D. Livingston, watching fires.....	2 00
J. F. Finnegan, watching fires.....	10 50
H. A. Chandler, watching fires.....	2 00
A. J. Dewire, watching fires.....	12 00
Hook & Ladder Co., No. 1, services.....	7 00
C. C. Johnson, supplies.....	5 00
Joseph Breck, supplies.....	10 50
L. W. Buckley, supplies.....	2 00
H. D. Livingston, steward.....	20 00
F. A. Morey, supplies.....	3 05
C. A. Wright, labor.....	91
C. Callahan & Co., horse.....	115 34
Fire Department N. B., services.....	11 60
J. F. Finnegan, horse.....	6 50
C. Callahan & Co., supplies.....	263 25
Hose Co. No. 2, services.....	4 50
Warren Holden, supplies.....	57
C. A. Wright, supplies.....	4 97
Talbot Chemical Co., supplies.....	40
Holden & Co., supplies.....	1 66
F. A. Morey, supplies.....	1 00
Jackson Wright, repairs.....	5 50
W. H. Sexton, repairs.....	10 65
Warren Holden.....	25
J. F. Finnegan, watching fires.....	10 50
H. A. Chandler, watching fires.....	2 00
D. J. Dewire, watching fires.....	12 00
L. W. Buckley, car fare, etc.....	5 00
C. Callahan Co., supplies.....	34 70
Charles Wright, postage and car fare.....	2 05

#### SALARY ENGINEERS FIRE DEPARTMENT.

Special Appropriation.....	\$150 00
L. W. Buckley, salary to May 1, 1901.....	50 00
C. A. Wright, salary to May 1, 1901.....	50 00
Warren Holden, salary to May 1, 1901.....	35 00
E. W. Livingston, salary to May 1, 1900.....	15 00

NORTH BILLERICA, January 21, 1902.

To the Members of the Board of Engineers :

GENTLEMEN :—I herewith make the following report with inventory of the department property intrusted to my care.

*Engine.* One Silsby steam fire engine fully equipped and in good working order.

*Supply Wagons.* One two-wheeled hose reel, 1 department supply wagon, 1 hose wagon in good condition except that one side reflecting lantern has attached iron rod broken off.

*Truck.* One ladder truck equipped as follows : one 45 ft. extension ladder, 1 ladder 22 ft., 1 ladder 20 ft., 1 ladder 16 ft., 1 roof ladder 12 ft., 14 fire buckets, 3 fire hooks, 1 tearing down hook, 2 iron bars, 2 ladder raisers, 2 axes, 2 picks, 2 torches, neither of which are fit for use.

*Harness.* One double swinging harness for steamer, 1 single swinging harness for supply wagon.

*Blankets.* Five horse blankets.

*Extinguishers.* Two underwriters' fire extinguishers, with 2 extra hose pipes.

*Hose.* Three hundred feet in poor condition, 1700 ft. in good condition, 2 straight hose pipes, 2 Callahan or flexible pipes, one  $1\frac{1}{2}$  in. nozzle, one  $1\frac{1}{4}$  in. nozzle, one 1 in. nozzle, two  $\frac{7}{8}$  in. nozzles, four  $\frac{5}{8}$  in. nozzles, 1 fixed pipe holder, 2 Siamese connections, two  $1\frac{1}{8}$  controlling nozzles, 2 shut off nozzles.

*Coats, etc.* Twenty-four rubber coats, 24 caps, 16 pairs boots, 12 belts, 32 spanners, 4 hydrant wrenches, 10 hose straps for ladders, 15 short handle and 17 long handle shovels, 1 rake, 1 pitchfork.

The department in my charge is up to the requirements. The men drill at regular intervals, but the department has been handicapped at fires owing to the absence of horses, or the tardiness of the same in reaching the engine house.

Respectfully yours,

OWEN R. O'TOOLE,

Foreman Steamer Co. No. 1.

H. A. CHANDLER, Clerk.

## BILLERICA CENTRE.

To the Honorable Board of Engineers:

## HOSE WAGON NO. 2.

Seven coats and hats, 4 pairs rubber boots, 1 blanket and cushion, 2 lanterns, 1 wrench, 2 nozzles, 20 spanners, 5 hose straps, 4 hydrant wrenches, 5 tin pails, 1500 feet hose, 1 Siamese.

## HOOK AND LADDER TRUCK.

Two 40-ft. extension ladders, one 24-ft. upright ladder, one 24-ft. roof ladder, one 10-ft. upright ladder, one 14-ft. ladder, 12 buckets, 2 extinguishers, 6 lanterns, 5 hooks — 3 large and 2 small—4 axes, 2 bars, 4 pairs rubber boots, 10 coats and hats, 1 blanket, 1 ladder-hook and saw, 1 roof-hook and rope, 4 shovels, 1 wrench.

## HAND TUB.

Four-section suction hose new, 500 ft. leading hose, (400 ft. new), 4 buckets, 1 pole, 100 ft. rope, 1 chain, 1 hose carriage, one 12-ft. ladder, 3 pieces rope, 10 ropes for pulling up hose, saw horse, saw, stove, dust pan and brush, mop, table, 1 stove, 23 chairs, 5-gal. can, 2 lamps, 1 sponge.

CHAS. E. MORRIS,

Foreman.

## Police Report.

There have been 33 arrests for the following causes :

Assault.....	2
Assault, indecent.....	1
Assault to rape.....	1
Drunkenness.....	17
Insane .....	2
Larceny.....	4
Runaways .....	4
Vagrant .....	1
Non-support .....	1

### DISPOSAL OF CASES.

Committed to Lowell jail.....	2
Committed to house of correction.....	2
Committed to state farm .....	2
Committed to Sherburne prison.....	1
Committed to Worcester insane asylum.....	2
Discharged or released on probation.....	13
Held for the grand jury.....	2
Paid fines.....	9

### MISCELLANEOUS.

Burglaries reported.....	4
Cases investigated.....	68
Intoxicated persons cared for.....	21
Number of dogs killed.....	20
Persons locked up.....	11
Suspicious persons detained.....	2
Strayed teams cared for.....	1
Lanterns placed in dangerous places.....	2
Value of property stolen.....	\$143 80
Value of property recovered .....	\$68 00

EVERETT W. LIVINGSTON,  
MARTIN CONWAY, JR.,

Police Officers.

Billerica, Feb. 28.



## Jury List, 1902.

### TOWN OF BILLERICA.

Joseph Ellis .....	Overseer
Henry Duran .....	Farmer
James Barrington .....	Carpenter
Chas. L. Beck .....	Auctioneer
William A. Cowles .....	Retired
John Latham .....	Retired
Henry Desmarzes .....	Farmer
Charles W. Flanders .....	Optician
Sidney A. Bull .....	Merchant
Henry Shuman .....	Farmer
Oscar Fellows .....	Farmer
Daniel Callahan, Jr. ....	Farmer
Edward B. Haskell .....	Farmer
Nathaniel R. Jones .....	Farmer
Dennis J. Dewire .....	Jobber
George E. Simonds .....	Farmer
Thomas E. Spaulding .....	Farmer
Fred L. Mason .....	Farmer
Edgar Twombly .....	Farmer
Edward L. McMahan .....	Finisher
Henry Dutton .....	Farmer
W. W. Nason .....	Clergyman
Nat'l Hutchins .....	Clerk
Herbert A. King .....	Clerk
John J. Mahoney .....	Clerk
George L. Dunham .....	Merchant
Clarence Bowman .....	Farmer
Joseph H. Call .....	Farmer
John E. Rowell .....	Farmer

Fred H. Parker.....	Merchant
William F. Symms.....	Miller
H. D. Livingston.....	Teamster
B. G. Hutchins.....	Carpenter
Franklin Jaquith .....	Manufacturer
John H. Foster.....	Agent
H. M. Hutchins.....	Retired
Dick J. Folsom.....	Farmer
Albert H. Jones .....	Collector
Coburn S. Smith .....	Farmer
L. B. Gannon.....	Broker
Thomas Callahan.....	Broker
Benjamin W. Kearny .....	Jobber
Arthur W. Holden .....	Paymaster
George H. Harlow.....	Retired
John Finnegan .....	Farmer
Josiah B. Robinson .....	Machinist

## Assessors' Report

FOR THE YEAR ENDING FEBRUARY 20, 1902.

The Assessors of Billerica submit the following report :—

Value of Real Estate May 1, 1901.....	\$1,728,097
Value of Personal Estate May 1, 1901.....	367,306
Total Valuation .....	2,095,403
Rate of total tax per \$1,000.....	16 30
Number of polls .....	732
“ dwelling houses .....	600
“ cows.....	705
“ neat cattle other than cows....	78
“ swine .....	106
“ sheep .....	23
“ fowls.....	4,700

Respectfully submitted,

GEORGE F. COLSON,  
JOHN E. ROWELL,  
JOSIAH WRIGHT,

Assessors.

## Tree Warden's Report.

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To the Board of Selectmen of Billerica : —

GENTLEMEN : — I herewith submit my annual report : —

I have expended the sums appropriated for this department in the following manner : Removing the evergreen trees on the common, destroying useless and objectionable trees along the highways throughout the town, and in trimming trees where it seemed most needed.

There is much trimming that should be done during the coming season. Many of the shade trees at the North Village are in a bad way, and some are dangerous. The trees must be re-marked this Spring, and at least one hundred young trees should be set out. I recommend that three hundred dollars (\$300), be raised and appropriated for the use of this department.

Respectfully submitted,

T. E. SMITH,  
Tree Warden.

## Incidentals.

John E. Bull, supplies.....	\$ 10 86
Courier-Citizen, printing.....	201 25
Gilbert & Barker, gasoline.....	16 33
W. A. Campbell, labor.....	3 00
American Express, express.....	1 46
James A. Hamilton, express.....	1 15
T. F. Lyons, postage.....	18 40
F. A. Morey, supplies.....	16 86
Gilbert & Barker, gasoline.....	8 76
E. A. King, repairs.....	12 13
Thomas Groom, assessor's book.....	4 00
H. M. Dolbear, printing.....	2 00
W. H. Hutchins, expense.....	3 00
Morning Mail, printing.....	10 25
New England Bunting Co., flag.....	23 00
B. & Maine R. R., freight.....	25
C. S. Maxwell, distributing reports.....	3 00
Courier-Citizen, printing.....	17 75
Warren Holden, freight.....	25
F. F. Gilligan, repairs Town Hall.....	4 50
New England Tel. Co., telephone.....	28 94
E. W. Livingston, use of horse.....	8 57
F. S. Bartlett, labor.....	7 40
E. B. Haskell, sundries.....	10 47
A. B. Chapman, painting.....	24 00
Carter Ink Co., ink.....	38
Thomas Groom, book.....	1 50
Lowell Sun, postal cards.....	3 00



F. A. Morey, supplies.....	\$ 9 35
Talbot Mills, oil.....	8 92
W. Stackpole, raising flag.....	3 20
N. E. Telephone Co., telephone and rent.....	17 02
C. F. Young, draping hall.....	35 00
American Express, express.....	85
Courier-Citizen, printing.....	8 50
State of Massachusetts, book.....	1 25
H. R. Cowdry, labor.....	1 30
B. & Maine R. R., freight.....	1 16
F. S. Bartlett, labor.....	7 30
F. A. Morey, coal.....	36 54
E. E. Cole, coal.....	91 50
Frost & McDermott, labor.....	29 78
H. A. King, supplies.....	2 93
Republican Club, rent.....	5 00
Jackson Wright, repairs.....	2 00
W. G. Bumpus, state farm.....	5 25
Gilbert & Barker, gasoline.....	35 53
E. A. King, labor.....	1 38
Holden & Co., supplies.....	74
T. F. Lyons, supplies.....	5 53
Thomas Lawler, book.....	1 75
N. E. Telephone Co., telephone and rent.....	5 58
Josiah Wright, wood.....	5 25
W. A. Holt, repairs.....	3 65
C. C. Johnson, supplies.....	1 00
F. A. Morey, coal and sundries.....	42 84
Talbot Mills, use of hall.....	4 00
Dr. Amasa Howard, reporting births.....	75
Dr. M. A. Buck, reporting births.....	11 25
Dr. John B. Tyler, reporting births.....	2 25
American Express, express.....	1 50
T. F. Lyons, supplies.....	16 44
W. B. Badger, supplies.....	24 20
E. M. Bartlett, death returns.....	3 00
Old Colony Trust Co.....	1 25
H. A. King, supplies.....	1 50
E. A. King, labor.....	4 00
Alpha Quartette, memorial service.....	16 00

Tewksbury Tax.....	\$ 12 00
John E. Bull, supplies.....	1 58
Milwaukee Brush Co., brush.....	3 00
Walker Pratt, casting.....	22 85
J. E. Blodgett, care town clock.....	25 00
D. J. Dewire, express.....	3 00
Gilbert & Barker, gasolene.....	18 02
C. E. Nutall, labor.....	1 00
E. W. Livingston, team.....	6 45
Martin Conway, Jr., car fare, etc.....	10 50
F. A. Fisher, attorney.....	308 86
John W. Johnson, damages.....	350 00
C. H. Kohlrausch, Jr., car fare, telephone, etc.....	6 60

## Water Works Sinking Fund.

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Balance March 1, 1901 .....	\$3,083 40
September 1, 1901, interest to date .....	77 09
November 27, 1901, Town Appropriation.....	1,800 00
March 1, 1902, interest to date .....	102 26
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Balance on hand March 1, 1902 .....	\$5,062 75

The above is on deposit at Talbot Mills at 5 per cent. per annum.

FREDERIC S. CLARK,  
CHARLES H. KOHLRAUSCH, JR.,  
J. NELSON PARKER,  
Commissioners.

## Schoolhouse Loan Sinking Fund.

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We have received from the Town Treasurer the premium from sale of Bonds amounting to \$1,177.50, and have deposited same in the Mechanics Savings Bank and Lowell Five Cents Savings Bank, both of Lowell.

JOHN A. RICHARDSON,  
JOSEPH F. TALBOT.

March 1, 1902.

## Location of Guide Boards.

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Board at corner of Russell and Mount Pleasant streets, No. Billerica.

Board at corner of Tewksbury and Russell streets, No. Billerica.

Board at junction of Tewksbury and East Billerica road.

Board at junction of road in woods leading from East Billerica to Tewksbury.

Board at East Billerica, leading to Pattenville.

Board at Deacon King's, leading to Andover, and another board leading to Lowell.

Board at Mrs. Page's, leading to Wilmington, and one at Mr. Hopkinson's, leading to Wilmington and Silver Lake.

Board at junction of Salem and Andover streets, leading to Salem and Centre of Billerica; one at junction of Salem and Whipple streets, leading to Salem and Wilmington.

Board at corner of Andover and Whipple streets, leading to East Billerica station and Centre.

Board opposite Fox Hill Cemetery, leading to Centre, Wilmington and Woburn.

Board at Mr. Hall's, leading to Tewksbury, Andover and East Billerica.

Board at foot of hill near Cemetery Junction, leading to East Billerica, Tewksbury and Wilmington; one opposite Mr E. Baker's, leading to Tewksbury and Wilmington.

Board at watering trough in Centre, leading to Boston, Lowell and all adjoining towns.

Board near John Kittredge's, leading to Salem and Wilmington.

Board opposite Mrs. J. Knowles', leading to Bedford, to Lexington and Arlington.

Board near D. L. Mason's, leading to Boston and Woburn; also one leading to Tewksbury almshouse.



- Board near Shawsheen River, leading to Lowell and Tewksbury.
- Board south of river, leading to Wilmington and Woburn.
- Board at Dodge corner, leading to Lowell.
- Board at Hill's Cemetery, leading to Bedford, Carlisle and Chelmsford.
- Board at C. H. Hill's corner, leading to Bedford; also one at South Billerica depot, leading to Bedford and Billerica.
- Board at Cook place, leading to Tewksbury and Wilmington.
- Board corner Main and Lowell streets, leading to North Billerica, Lowell and Centre.
- Board at J. Conlon's, leading to Chelmsford.
- Board at Cowdrey place, leading to Lowell, Chelmsford and Carlisle.
- Board at Manning place, leading to West Billerica and Chelmsford.
- Board near Woods' corner, leading to Boston, Concord and Lowell; one near Bailey place, leading to Billerica Centre and Lowell; one on Carlisle road, leading to Concord and Lowell.
- Board corner Bridge, leading to West Billerica.
- Board at Brown's corner, leading to Lowell and Boston.
- Board at Preston's corner, one leading to Lowell.
- Board corner Main and River streets, leading to Chelmsford, Carlisle and Concord.

## Appraisal of Town Property at Town Barn.

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Four horses.....	\$ 350 00
Three carts .....	300 00
Stone crushing plant.....	2,000 00
Five harnesses .....	50 00
Three sleds .....	70 00
Road scraper.....	100 00
Scoup scraper.....	6 00
Two derricks and appliances.....	75 00
Hay and grain.....	25 00
Blankets and baskets. ....	3 00
Drag and Whiffletrees.....	7 00
Wrenches and chains .....	6 00
Ploughs .....	25 00
Hose, 250 ft.....	65 00
Pipe, 250 ft .....	73 00
Lumber .....	35 00
Small tools .....	43 00

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\$3,233 00

### TOWN OFFICERS' SALARY

Charles H. Kohlrausch, Jr., selectman.....	\$112 50
Edward B. Haskell, selectman and overseer of poor..	250 00
Josiah Wright, selectman and assessor .....	175 00
George S. Colson, assessor.....	125 00
John E. Rowell, assessor .....	62 50
Sears J. Cook, overseer of poor .....	100 00
Richard J. Conway, overseer of poor.....	50 00
Herbert A. King, town clerk and treasurer .....	500 00
Allen Bottomley, school committee .....	60 00
Fred A. Casey, school committee.....	60 00
Dr. M. A. Buck, school committee.....	60 00
A. H. Jones, tax collector.....	250 00

## MACADAM.

Edward Spaulding, superintendent.....	\$ 15 00
John Stahle, labor.....	8 75
John Newell, labor.....	8 75
Hugh Sherry, labor.....	10 50
M. V. Dickey, labor.....	8 75
O. E. Bohonan, labor.....	8 75
M. McElligott, labor.....	8 75
F. Dolan, labor.....	7 00
H. W. Essex, team, labor.....	20 00
J. Farmer, team, labor.....	20 00
F. Crosby, team, labor.....	14 00
H. D. Livingston, team, labor.....	16 00
Ed. Spaulding, horse.....	5 00
Good Roads Co., supplies.....	26 25
Boston & Maine R. R., freight.....	32 00
E. A. Barker, painting.....	3 00
M. H. Sawyer, labor.....	2 80
C. B. Coburn, labor.....	2 48
H. Muffett, labor.....	30 00
Holden & Co., supplies.....	9 21
E. E. Cole, coal.....	40 21
George McMillen, labor.....	10 00
D. J. Folsom, rent.....	21 00

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 \$328 20

## BRIDGES.

Appropriation.....	\$1,500 00
Burnham & Davis, lumber.....	355 45
Lexington Lumber Co., lumber .....	201 21
Pratt & Forrest, lumber .....	29 38
H. D. Livingston, lumber .....	18 36
P. J. Sexton, blacksmith.....	7 24
H. D. Livingston, teaming .....	97 20
T. E. Smith, labor .....	252 66
Jackson Wright, labor.....	75
Holden & Co., supplies.....	12 09
Bean & Dunbar, pins .....	5 28
Bridge Dept. to Highway Dept., labor .....	89 73

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 \$1,069 35

## BOARD OF REGISTRARS.

Appropriation.....	\$100 00
H. A. King,.....	25 00
John Harrington.....	25 00
Arthur Holden.....	25 00
Ed. L. McMahon.....	25 00
Ed. L. McMahon, from May 1 to Nov. 1, 1901.....	12 50
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	\$112 50

## INSURANCE.

Appropriation.....	\$300 00
F. C. Church, insurance.....	80 00
J. H. Foster, insurance.....	145 50
N. G. Norcross, insurance.....	178 50
	<hr/>
	\$404 00

## SCHOOL COMMITTEE.

D. Moyer Staley, salary, 1900.....	\$60 00
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## DECORATION DAY.

Appropriation.....	\$100 00
C. S. Smith, treasurer.....	100 00
Interest on Faulkner Fund.....	40 00

## CARE OF COMMON.

Appropriation.....	\$75 00
J. F. Bruce, labor.....	75 00

## TREE WARDEN.

Appropriation.....	\$100 00
F. E. Smith, salary.....	100 00

## BOARD OF HEALTH.

Appropriation.....	\$50 00
Dr. M. A. Buck, salary 1900 .....	12 50
Dr. John B. Tyler, salary 1901 .....	20 00
Dr. M. A. Buck, salary 1901 .....	20 00
Coburn S. Smith, salary 1901 .....	10 00
	<hr/>
	\$62 50

## REPAIRS ON UNION HALL.

Appropriation.....	\$500 00
M. H. & T. F. McElligott, labor .....	116 00
W. H. King, labor.....	5 00
A. B. Chapman, painting .....	187 00
Frost & McDermott, repairs .....	62 85
	<hr/>
	\$370 85

## AUDITORS.

Appropriation .....	\$45 00
William Stevenson, salary .....	15 00
E. B. Colby, salary .....	15 00
Geo. P. Greenwood, salary .....	15 00
	<hr/>
	\$45 00

## EMORY RECORD PRESERVING CO.

Appropriation.....	\$500 00
Restoring and preserving Seven Volumes of Town Records and one Town Charter.....	458 00

## MAPLE STREET.

Special appropriation.....	\$200 00
Ed. Spaulding, labor.....	17 75
John Stahle, labor.....	11 38
John Newell, labor.....	8 75
M. McElligott, labor.....	11 38
Hugh Sherry, labor.....	16 63
M. V. Dickey, labor.....	16 63
Town teams, labor.....	52 00
C. S. Smith, labor.....	12 12
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	\$146 64



## STREET LIGHTING.

Appropriation.....	\$700 00
W. A. Evans, treasurer.....	350 00
S. A. Bull, treasurer.....	350 00
	<hr/>
	\$700 00

## CATTLE INSPECTOR.

Appropriation.....	\$100 00
W. H. Hutchins, salary.....	98 10

## STREET MARKER.

Appropriation.....	\$150 00
Boston & Maine R. R., freight.....	6 00
Josiah Wright, labor.....	20 75
H. E. Fletcher, supplies.....	89 00
E. A. Barker, painting.....	75
	<hr/>
	\$115 50

## POLICE DEPARTMENT.

Appropriation.....	\$1,500 00
Martin Conway, Jr., services.....	730 00
Everett W. Livingston, services.....	730 00
City of Lowell, expense.....	10 23
N. E. T. & Tel. Co., expense.....	3 05
E. W. Livingston, expense to Worcester.....	6 00
Redmond Welch, counsel.....	12 00
N. E. Telephone Co., North Billerica.....	5 38
N. E. Telephone Co., Centre.....	4 48
Special police, July 4, 1901, paid.....	14 00
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	\$1,515 14

## CEMETERIES.

Appropriation.....	\$400 00
E. W. Brown, labor.....	27 00
E. K. Richardson, labor.....	125 89
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Amount carried forward.....	\$152 89

Amount brought forward.....	\$152 89
Boston & Maine R. R., freight.....	7 76
C. T. Shean, dressing.....	27 37
A. H. Andrews, labor.....	26 47
Leonard Blood, labor.....	66 00
F. A. Morey, sundries.....	4 04
Gustaf Carlson, labor.....	1 50
W. B. Bohanan, labor.....	17 50
James O'Neil, labor.....	17 50
M. V. Dickey, labor.....	7 00
Josiah Wright, labor.....	40 00
Dennis O'Keefe, labor.....	19 00
William Sullivan, labor.....	26 25
	<hr/>
	\$413 28

## BILLERICA HISTORICAL SOCIETY.

Appropriation.....	\$250 00
Historical Society, cash.....	250 00

## SIDEWALKS.

Appropriation.....	\$100 00
E. A. & A. T. Smith, labor.....	139 89

## ELECTION OFFICERS.

Appropriation.....	\$100 00
C. A. Wright, inspector.....	5 00
H. A. King, warden.....	5 00
W. F. Maxwell.....	5 00
R. T. Perry, teller, 1900 and 1901.....	4 00
J. P. Hannon, teller, 1901.....	2 00
John A. Hannon, inspector.....	5 00
Archie Ritchie, department clerk.....	5 00
Patrick Condon, department inspector.....	5 00
Joseph Ellis, inspector.....	5 00
William Stevenson, clerk.....	10 00
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Amount carried forward..... \$ 51 00

Amount brought forward.....	\$51 00
J. J. Mahoney, warden.....	5 00
Philip Dolan, inspector .....	5 00
Frank Dolan, department' inspector.....	5 00
John R. Conway, inspector.....	5 00
C. A. Bowman, department warden.....	5 00
Charles Lyons, department clerk.....	5 00
Victor J. Hosmer, department inspector.....	5 00
J. S. Holt, clerk.....	10 00
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	\$96 00

## TOWN WATER.

Appropriation.....	\$100 00
Billerica water works, water.....	25 44

## Schools.

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J. A. Baker, music.....	\$500 02
M. Hill, drawing.....	268 42
J. G. Morrill, superintendent .....	855 00
B. D. Brown, teacher.....	598 75
K. F. Baker, " .....	380 40
K. A. Brown, " .....	418 00
E. L. Buckley, " .....	99 00
B. F. Harding, " .....	555 00
M. A. Hosmer, " .....	342 00
M. E. Hughes, " .....	189 00
G. L. Knowles, " .....	342 00
J. M. Livingston, " .....	290 00
L. L. McIntire, " .....	380 00
A. J. Page, " .....	380 00
M. F. Page, " .....	380 00
A. F. Rogers, " .....	239 25
N. F. Sweetnam, " .....	360 00
M. E. F. Shea, " .....	450 00
Viola Sturgis, " .....	137 25
M. R. Tracy, " .....	70 00
F. S. Bartlett, janitor .....	411 65
Roger Barrington, " .....	135 85
F. C. Smith, " .....	150 00
Boston & Northern St. R. W., tickets.....	35 00
D. C. Heath & Co., supplies.....	7 28
E. E. Babb & Co., supplies.....	11 66
J. L. Hammett & Co., supplies.....	8 13
Scott, Foresman & Co., supplies.....	6 00
Silver, Burdett & Co., supplies.....	15 75
Educational Publishing Co., supplies.....	27 34
Houghton, Mifflin & Co., supplies.....	2 59
D. L. Corkum, wood.....	4 50
School Children, car fare.....	14 80
A. Bottomley, sundries.....	2 87

E. E. Cole, coal.....	\$118 75
F. W. Cowdry, conveying scholars.....	16 00
F. A. Morey, supplies.....	4 93
V. J. Hosmer, repairs.....	1 95
F. A. Lewis, wood.....	2 00
F. A. Morey, supplies.....	4 82
S. J. Cook, wood.....	47 50
J. Perry, supplies.....	2 10
American Express Co., express.....	1 56
Boston & Maine, freight.....	1 43
Town of Billerica, truant officer and janitor.....	135 00
Talbot Chemical Co., supplies.....	2 19
Ginn & Co., supplies.....	17 71
Educational Publishing Co., supplies.....	80
Gookin Bros., supplies.....	9 00
G. H. Bennink, labor.....	1 25
Werner & Co., supplies.....	4 80
C. L. Burton, repairs.....	1 25
F. H. Parker, supplies .....	80
E. E. Babb, supplies.....	3 00
F. W. Cowdry, conveying scholars.....	46 40
C. H. Hill, wood.....	23 63
Holden & Co., supplies .....	2 69
E. Frost, repairs .....	9 00
J. E. Bull, supplies.....	32 89
E. W. Livingston, use of team .....	7 75
William Mason, janitor.....	15 00
J. L. Hammett & Co., supplies .....	3 20
G. E. Simonds, wood .....	21 75
Town of Billerica, water.....	12 89
J. Crawford, labor .....	1 50
Cooper & Bailey, plans.....	300 00
W. J. Lyons, labor.....	4 00
C. B. Kitchen, janitor.....	3 00
American Express Co., express.....	2 05
P. E. Holman, conveying scholars .....	82 00
Morse & Co., supplies.....	1 26
J. L. Hammett, supplies .....	3 26
J. G. Morrill, supplies.....	1 68
T. F. Lyons, supplies.....	16 55

Union Printing Co., supplies.....	\$10 50
Dr. B. D. Brown, supplies.....	1 00
Town of Billerica, water.....	29 00
E. E. Babb & Co., supplies.....	8 25
Merrimac Budgett, printing .....	5 75
American Express Co., express.....	1 35
Union Printing Co., printing.....	6 40
J. A. Baker, music.....	6 06
Houghton, Mifflin & Co., supplies.....	6 12
Lynn & Boston St. R. W., tickets.....	20 00
V. J. Hosmer, labor .....	2 84
E. A. King, labor.....	8 84
Standard Express, supplies .....	81 00
W. J. Lyons, janitor.....	4 00
Frost & McDermott, repairs.....	4 86
W. D. Miller, supplies.....	2 00
B. D. Brown, supplies .....	2 90
W. S. Reeser, supplies....	1 90
Scott, Foresman & Co., supplies.....	84
Viola Sturgis, janitor .....	5 50
F. W. Cowdry, conveying scholars .....	28 00
Swinington Estate, per contract.....	91 00
C. B. Kitchen, janitor .....	3 00
M. E. Bowers, labor .....	3 00
Bennett Library .....	1 25
W. J. Lyons, janitor.....	9 00
D. C. Heath, supplies.....	52
D. Appleton & Co., supplies.....	2 22
Amy Hosmer, music.....	6 00
School Children, car fare .....	19 85
Talbot Memorial Hall.....	5 06
American Book Co., supplies.....	1 10
E. E. Babb & Co., supplies .....	24 24
W. Sutcliffe, wood.....	78 50
T. F. Lyons, postage .....	50
Mary Condon, labor .....	5 00
F. S. Bartlett, supplies.....	5 00
S. J. Cook, wood .....	19 02
J. H. O'Neil, inspector.....	2 00
Silver, Burdette & Co., supplies.....	1 13



D. J. Dewire, coal .....	\$ 78 00
Thomas Lyons, wood.....	90 75
Red Cross Co., supplies.....	3 00
Boston & Maine R. R., freight.....	25
Mason, Young & Co., supplies.....	13 00
Dennis Shalloo, labor.....	13 12
B. W. Kearney, labor.....	5 00
Talbot Mills, supplies .....	5 17
Suffolk Ink Co., supplies.....	2 50
W. E. Hill, supplies .....	7 60
Esterbrook Pen Co., supplies .....	9 90
Geo. S. Perry, supplies.....	3 00
B. F. Harding, supplies .....	2 50
Lynn & Boston St. R. W. Co., tickets .....	20 00
American Express Co., express.....	1 90
F. W. Cowdry, conveying scholars.....	32 00
Geo. S. Perry, supplies.....	3 00
Wales Book Binding Co., supplies.....	19 35
E. W. Livingston, labor.....	7 50
Henry Skelton, sawing wood .....	5 63
C. B. Kitchen, janitor .....	3 00
Red Cross Co., supplies.....	3 00
Fred A. Morey, coal .....	206 04
Town of Billerica, water .....	17 59
Frost & McDermott, labor .....	22 88
Roger Barrington, labor.....	5 74
J. L. Hammett, supplies ..	5 00
F. J. Barnard, supplies.....	2 70
J. Perry, supplies.....	2 35
F. A. Morey, supplies.....	8 58
Harry Raynes, supplies.....	1 50
Hamilton's Express, express.....	1 00
J. L. Hammett, supplies .....	43 24
Ginn & Co., supplies.....	13 75
Boston & Northern R. R., tickets.....	55 00
E. E. Babb & Co., supplies.....	2 40
Prang & Co., supplies.....	4 08
A. Stearns, supplies .....	2 50
A. B. Chapman, labor .....	3 75
H. W. Sherman, labor.....	7 50

P. S. Holman, conveying pupils.....	\$75 00
Lexington & Boston St. R. W., tickets .....	1 50
Boston & Northern R. R., tickets.....	20 00
Lowell & Boston R. R., tickets .....	25 00
Walworth Manufacturing Co .....	30
Boston & Maine R. R., freight.....	25
American Express Co., express.....	1 40
W. H. King, labor .....	9 00
W. T. S. Bartlett, supplies .....	4 11
William Mason, janitor.....	5 50
F. W. Cowdry, conveying scholars .....	16 00
E. E. Babb & Co., supplies.....	5 21
Silver, Burdette & Co., supplies.....	12 50
Ginn & Co., supplies.....	2 80
News Publishing Co., supplies.....	1 25
J. S. Hammett & Co., supplies.....	7 35
W. J. Lyons, janitor .....	11 00
J. B. Stearns .....	2 75
W. H. Fuller .....	2 75
Holden & Co .....	1 95
Town of Billerica.....	30 05
American Express Co. ....	40
C. B. Kitchen, janitor.....	5 00
Ed. Publishing Co., supplies.....	2 67
V. J. Hosmer, labor .....	1 55
S. J. Cook, wood.....	18 51
F. C. Bemis, hay .....	14 15
Ed. Kendall & Co., supplies .....	10 58
Geo. E. Simonds, wood .....	13 00
Geo. E. Dunham, supplies.....	90
Thomas Lyons, wood.....	
A. H. Jones.....	40 60
Town of Billerica, water.....	22 04
Town of Billerica, water works supplies.....	50 50
J. E. Bull, supplies.....	8 51
A. Dutton, repairs.....	10 00
H. P. Cummings, contractor.....	4 50
Milliken Brush Co., brush.....	4 00
Curtis Guild. supplies.....	1 05
Geo. S. Perry; supplies.....	43 05

Lexington & Boston S. R., W., tickets.....	\$ 12 50
W. A. Wood, supplies.....	6 25
A. S. Bottomly, supplies.....	1 75
F. W. Cowdry, conveying scholars .....	20 00
Boston & Northern R. R., tickets.....	20 00
Lowell & Boston R. R., tickets.....	6 00
J. G. Morrill, supplies.....	1 52
E. E. Babb & Co., supplies.....	201 50
D. J. Dewire, coal.....	22 50
James Barrington, labor.....	16 24
H. S. Russell, supplies and labor.....	13 95
Roger Barrington, supplies and labor.....	19 62
Thompson, Brown & Co., supplies.....	36 52
Ginn & Co., supplies.....	48 46
T. F. Lyons, supplies.....	1 50
B. & Maine R. R., freight.....	25
W. T. S. Bartlett, glass.....	55
O. A. Munroe, labor.....	1 50
American Express Co., express.....	2 05
F. H. Parker, supplies.....	1 60
C. L. Burton, labor.....	1 25
E. W. Livingston, team.....	7 50
Paine Furniture Co., supplies.....	13 35
Archie Mason, car fare.....	65
Fred E. Mason, car fare.....	75
Eva W. Kerr, car fare .....	35
D. C. Heath, supplies.....	7 50
Walter Sutcliffe, wood.....	22 00
W. H. Hutchins, labor.....	4 50
Educational Pub. Co., supplies.....	6 00
J. G. Morrill, supplies.....	3 06
D. J. Dewire, coal.....	130 91
B. D. Brown, clerk.....	3 45

## Report of the Talbot School Building Committee.

The Building Committee met for the first time on March 29th and organized as follows :

FREDERIC S. CLARK, Chairman.

ALLAN BOTTOMLEY, Secretary.

H. W. SHELDON, Supervisor of Construction.

A careful consideration of the plans secured by the School Committee made some changes seem desirable, and after these were completed, the principal contracts were made with the H. P. Cummings Co. for the building and with the Fuller & Warren Co. for heating and ventilating.

The latter subject was given special attention by the Committee. The system adopted fully complies with the state laws and provides a large supply of warm fresh air for heating, and an ample exhaust of the foul air. Since the School opened the State Inspector has tested the heating and ventilating plant and found the requirements more than fulfilled.

Arrangements have been made with the Talbot Mills for permanent connection with their sewerage system at an expense less than any other method of sewage disposal could have been provided, and an agreement with the Talbot Mills has been made, in behalf of the Town, securing permanent maintenance of the system without expense to the town outside of the School premises. It was fortunate for the Town that the Talbot Mills was in a position to use all of the earth excavated for the foundation, as the expense of removal of the same, which would have been large, was thus saved.

The various contractors and the architects have executed their contracts very satisfactorily to the Committee.

The following are the expenditures to date :

H. P. Cummings Co., Builders.....	\$18,755 00
Fuller & Warren Co., Heating and Ventilating..	1,882.40
Cooper & Bailey, Architects.....	754.50
Talbot Mills, land.....	1,000 00
Talbot Mills, sewer rights.....	500.00
Talbot Mills,	
Surveying for schoolhouse.....	\$ 8.80
Grading lot, teaming and labor.....	342 59
Teaming coal.....	5.20
Drain around foundation, pipe and teaming.	34 09
Cellar drain to Colson land, pipe and labor.	214.34
Plastering under basement stairs.....	9.29
Basement Drain.....	5.01
Manhole for main trap.....	30.14
90 yds. cheap loam, at 25c.....	22.50
Sundries, supplies and labor.....	7.14
Telephone .....	5.72
1 B. B. letter file.....	.75
	<hr/>
	685 57
Coal.....	162.45
Heating, care and cleaning of building.....	68 75
Paine Furniture Co., window shades.....	81 20
Derby & Morse, electric wiring.....	71.00
Farrell & Conaton, connecting fixtures with	
Town water.....	43 38
Josiah Wright, labor on drain around foundation	27.38
Freight and express.....	7.41
Sundries .....	7 00
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	\$24,049.04
Proceeds of Bonds .....	\$25,000 00
Expenditure to date .....	24,049 04
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Balance unexpended.....	\$950 96

Bills outstanding amount to about \$500, and the balance of the funds will be needed for grading the lot the coming spring.

Respectfully submitted,

FREDERIC S. CLARK,  
 ALLAN BOTTOMLEY,  
 H. W. SHELDON,  
 CHARLES H. KOHLRAUSCH, Jr.  
 FRED. A. CASEY,  
 M. A. BUCK,

Building Committee.



## Report of Cemetery Commissioners.

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Through some oversight the brief report of the Cemetery Commission was omitted from last year's Town Report. Some little work has been done during the past two years to indicate the purposes of this Commission. At the Old South work looking toward a smoother surface and better sod has been well begun, also some very undesirable trees removed. This surface work we hope to continue, and should expect within two years to complete it. At Fox Hill little has been done, largely because less was immediately required. Here, some undesirable and surplus trees have been removed, and work been well started looking to the preservation of the high grounds at the rear of the lot as an oak forest. The ground here is so covered with ledge or very large boulders as to make it practically of no use for burial purposes, but by taking out the unsightly growth and preserving the better trees among the oaks, an attractive background may be developed in the near future, and one that will grow more attractive as time goes on. At the North the requirements are greater. Some work has been done looking to making passable driveways, but no great progress has been made, owing to lack of means. These grounds have suffered heretofore from a growth of walnut trees, a crop of nuts attracting squirrels, boys and gunners, all doing mischief in the grounds. These trees have been removed. By private subscription a new front wall has been built, which will add greatly to the general appearance of the grounds, and in this connection we are glad to call attention to the good work done by Mr. Levi Sprague of Lowell, on the southwest front, near the railroad crossing.

Last year the Town appropriated \$400, and this year we ask for \$600; and even with this increase the work must be slow. The Treasurer's report shows some little income from sale of lots, and it also shows an unexpended balance, which, however, is more imaginary than real, as outstanding bills will dispel it.



We wish this year to take small portions of ground in each of the Fox Hill and North Cemeteries and lay them out in such a manner as should be followed in all new work; namely, like a lawn—no raised grounds or sunken walks, no curbing or fencing, all of which are expensive, both to construct and to maintain. A green sward, with nothing but corner posts sunken to a level with the grounds, and paths green as the lots, is the ideal method—ideal at the start—ideal in the matter of care and maintenance, and consequently the ideal method for all time. A moment's thought will convince anyone that raised grounds, heavy curbing, iron fences, etc., can be justified only by a custom for which no good reason can be given. Following the recommendations of your Committee, our grounds will become more sightly, with less expense to lot takers and a reduction of the cost of maintenance to a minimum. We ask this extra appropriation that we may make this practical demonstration, and at the same time we would call attention to the fact that in the sale of lots thus finished the expense of the work now done by the Town will be paid for by the lot takers. Our general desire is that all new work shall be along the lines indicated, and whenever and wherever possible, to bring old work as near as may be to this plan. When curbing and fencing get out of repair, we hope owners will be willing to remove the same, and thus bring about a result we are abundantly satisfied will give universal satisfaction

Signed,

J. NELSON PARKER,  
JOSEPH JAQUITH,  
HERBERT A. KING.

Cemetery Commissioners.

# Estimates of Appropriations by the Selectmen for 1902.

	Estimates of Appropriations for 1901.	Estimates of Appropriations for 1902.
Schools.....	\$9,000 00	\$9,000 00
Highways.....	3,500 00	3,500 00
Bridges.....	1,500 00	600 00
Fire Department.....	1,500 00	1,500 00
Incidentals.....	1,500 00	1,500 00
Town Farm.....	1,000 00	1,000 00
Police & Janitor.....	1,500 00	1,500 00
Outside Relief.....	1,200 00	1,000 00
Debt Appropriation.....	1,450 00	650 00
Interest.....	1,700 00	1,700 00
Insurance.....	300 00	250 00
Sinking Fund & Bond interest.....	2,000 00	2,000 00
Soldiers' Relief.....	50 00	50 00
Registrars of Voters.....	100 00	100 00
Cemeteries.....	400 00	600 00
Common.....	75 00	75 00
Selectmen.....	425 00	425 00
Assessors.....	250 00	250 00
Overseers of the Poor.....	200 00	200 00
School Committee.....	180 00	180 00
Town Clerk.....	200 00	200 00
Town Treasurer.....	300 00	300 00
Tax Collector.....	350 00	450 00
Election Officers.....	100 00	100 00
Fish Warden.....	100 00	100 00
Board of Health.....	50 00	75 00
Auditors.....	45 00	45 00
Sidewalks.....	100 00	200 00
Tree Warden.....	100 00	300 00
Sealer of Weights and Measures.....	50 00	50 00
Hydrants.....	2,300 00	2,300 00
Water Bond Sinking Fund.....	1,800 00	1,800 00
Town Water.....	100 00	100 00
Water Deficit.....	1,000 00	1,000 00

# Warrant.

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## COMMONWEALTH OF MASSACHUSETTS.

Middlesex, ss.

To Everett W. Livingston, Constable of the Town of Billerica,  
Greeting:

You are hereby authorized and required to notify and warn the inhabitants of the said Town of Billerica, qualified by law to vote in elections and town affairs, to meet at the Town Hall, in said town, on Monday, March twenty-fourth, at nine o'clock in the forenoon, to act upon the following articles:

Article 1. To choose a Moderator to preside at said meeting.

Art. 2. To determine the number of Selectmen, Assessors, Overseers of the Poor, Auditors, Constables, Collector of Taxes.

Art. 3. The polls will be open in accordance with the by-laws of the town for the election of the following town officers, on one ballot, for one year: Town Clerk, Town Treasurer, Selectmen, Assessors, Overseers of the Poor, Collector of Taxes, one or more Constables; one member of the Board of Health for three years, one member of the School Committee for three years, one member of the Town Hall Sinking Fund Commission for three years, one member of the Water Commission for three years, one member of the Cemetery Commission for three years, three members of the Talbot School Sinking Fund Commission, one for one year, one for two years, one for three years; Tree Warden for one year.

Art. 4. To choose a member of the Bowers Fund Committee for a term of five years.

Art. 5. To see if the town will accept the revision of the jury-box made by the Selectmen, or do anything in relation to the same.

Art. 6. To see what method the town will adopt for the collection of taxes for the ensuing year.

Art. 7. To see what method the town will adopt for the repairs of the roads and bridges for the ensuing year.

Art. 8. To see if the town will choose Highway Surveyors and all other necessary town officers.

Art. 9. To vote on the following question, viz.: Shall license be granted for the sale of intoxicating liquors in the Town of Billerica? Yes or No.

Art. 10. To hear and act upon the report of the Selectmen and all other town officers and committees heretofore appointed.

Art. 11. To raise and appropriate such sums of money as may be deemed necessary to defray the town's expenses for the ensuing year, or do anything in relation to the same.

Art. 12. To see if the town will accept the provisions of Section 37, Chapter 19 of the Revised Laws; and limit the application of the provisions of said chapter and of the Civil Service and other rules made thereunder to the police force of the town, or do anything in relation to the same.

Art. 13. To see if the town will raise and appropriate the sum of \$2,700 for building macadam road, or do anything in relation to the same.

Art. 14. To see if the town will raise and appropriate the sum of \$100 for the use of the Veterans on Memorial Day.

Art. 15. To see if the town will raise and appropriate the sum of \$450, to be expended at the discretion of the School Committee, for conveying the children above the sixth grade from the outside schools, or do anything in relation to the same.

Art. 16. To see if the town will raise and appropriate the sum of \$1,350, to be expended for street lighting, to be divided between Billerica Centre and North Billerica, or do anything in relation to the same.

Art. 17. To see if the town will raise and appropriate the sum of \$450, to be used, in discretion of the School Committee, in paying for the transportation of pupils to the Howe School from the North and other outlying districts, or do anything in relation to the same.

Art. 18. To see if the town will raise and appropriate the sum of \$500, for the purpose of building a sidewalk on Billerica

Avenue, at North Billerica, from Thomas Talbot Memorial Hall, and extending along said avenue as far as the said appropriation will allow.

Art. 19. To see if the town will raise and appropriate the sum of \$250 as salary of Cattle Inspector for the ensuing year.

Art. 20. To see if the town will vote to expend the income of the Abbot Singing Fund, or do anything in relation to the same.

Art. 21. To see if the town will authorize and direct the Treasurer, with the approval of the Selectmen, to borrow temporarily, in anticipation of taxes of the present municipal year, and give the negotiable note or notes of the town for money so borrowed, and that all such temporary loans shall be paid from the said taxes.

Art. 22. To see if the town will raise and appropriate the sum of \$150, for the purpose of bonding its Treasurer and its Collector by a guaranty company.

Art. 23. To see if the town will raise and appropriate the sum of \$40, and pay the same to the Bennett Library Association, interest due on the Winthrop Faulkner Fund, or do anything in relation to the same.

Art. 24. To see if the town will authorize and direct its Selectmen to sell the old Talbot School building and land belonging with it, and pay the proceeds to the School-house Loan Sinking Fund, or do anything in relation to the same.

Art. 25. To see if the town will raise and appropriate the sum of \$150 for the purpose of indexing the twelve volumes of general records of the town.

Art. 26. To see if the town will vote that every salaried official of the Town of Billerica shall be debarred from receiving any compensation for work and supplies other than his official salary and attendant expenses, or do anything in relation to the same.

Art. 27. To see if the town will raise and appropriate the sum of \$500 for the purpose of building sidewalks on both sides of Talbot Avenue, no portion of said sum, however, to be expended unless an equal amount be contributed by the abutters.



Art. 28. To see if the town will change the names Union Hall Street to Carleton Street, Railroad Street to Ruggles Street, and also define and describe Rogers Street, also define limits of Elm and Faulkner Streets, or do anything in relation to the same.

Art. 29. To see if the town will authorize the Selectmen, at their discretion, to sell the steam fire engine, or act in relation thereto.

Art. 30. To see if the town will appoint a committee to consider the matter of salaries of the several town officers, and make recommendations for action at this meeting.

Art. 31. To see if the town will raise and appropriate the sum of \$100 to build a street the distance of about 234 feet, on land known as Preston Street, as shown on plans of Alden O. Dane of the Chase lot, so called, or act in relation thereto.

Art. 32. To see if the town will raise and appropriate the sum of \$200 for the purpose of wiring the Town Hall for electric lighting, and procuring the fixtures necessary for the same, or act in relation thereto.

Art. 33. To see if the town will vote to use the money paid the Selectmen by the Lowell & Boston Electric Railway Co., the amount being \$1,000, in macadamizing, or take any other action in regard to it.

And you are to serve this warrant by posting attested copies thereof, one copy at the Town Hall, one copy in each of the post offices of the town, and one copy in each of the porches or vestibules of the several churches in town, at least eight days before said meeting.

Hereof fail not, and make due return of this warrant to the Town Clerk, with your doings thereon, at the time and place of said meeting.

Given under our hands this twelfth day of March, in the year of our Lord nineteen hundred and two.

CHAS. H. KOHLRAUSCH, JR.,  
EDWARD B. HASKELL,  
JOSIAH WRIGHT,

Selectmen of Billerica.

A true copy. Attest:

EVERETT W. LIVINGSTON,

Constable.



ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF BILLERICA,

FOR THE SCHOOL YEAR 1901, 1902.

## Calendar.

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### HOWE SCHOOL.

1902.

Feb. 3—Second term began.

Mar. 28 to April 15, Easter vacation.

June 13-14—Examinations for admission at 8.30 A. M.

June 26—Spring term closes.

Sept. 9—Fall term begins.

Dec. 19 to Dec. 30—Vacation.

1903.

Jan. 26 to Jan. 30—Examinations.

Jan. 30—First term closes.

### ELEMENTARY SCHOOLS.

1902.

Mar. 28—Winter term closes.

April 7—Spring term begins.

June 13—Spring term closes.

Sept. 8—Fall term begins.

Dec. 19—Fall term closes.

Dec. 30—Winter term begins.

1903.

Mar. 27—Winter term closes.

April 6—Spring term begins.

June 12—Spring term closes.

## Storm Signals for Schools.

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The bell of the Talbot Mills will strike at 7.45, two strokes thrice repeated to indicate no school in the forenoon. The same signal at 11.30 A. M. will indicate no school in the afternoon, when there has been a forenoon session. When there has not been a forenoon session, and the change in the weather warrants an afternoon session, this will be indicated by two strokes four times repeated at 11.30 A. M. These signals will also be given at the same time at the Chemical Works. These signals will be sounded for the schools of the outlying districts, and for those at the Centre, by the bell of the Unitarian church.

## Organization of School Board, 1901 to 1902.

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FREDERICK A. CASEY, Chairman; term expires 1902.  
ALLAN BOTTOMLEY, Secretary; term expires 1903.  
M. A. BUCK, M. D.; term expires 1904.

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### SUB-COMMITTEES.

Pollard and Richardson Schools,  
Talbot School,  
Hill, Spaulding and Crosby Schools,  
J. G. MORRELL, Superintendent.

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### TEACHERS.

Supervisor of Music, . . . .	J. Avison Baker.
Supervisor of Drawing, . . . .	Margaret E. Hill.
Principal of Howe School, . . .	Earl C. Davis, A. B.
Assistant, . . . . .	E. C. Vining.
Pollard ninth grade, . . . .	Catherine F. Baker.
Pollard Grammar, . . . .	Bertram D. Brown, Principal.
Pollard Sub-Grammar, . . . .	Lizzie L. McIntire.
Pollard Intermediate, . . . .	Kate A. Brown.
Pollard Primary, . . . .	Martha F. Page.
Talbot Grammar, . . . .	Benjamin F. Harding, Principal.
Talbot Sub-Grammar, . . . .	Mary E. F. Shea.
Talbot Intermediate, . . . .	Nellie F. Sweetnam.
Talbot Primary, . . . .	Jennie M. Livingston.
Union Hall Primary, . . . .	Alice T. Rogers, Mary E. Hughes.
Richardson School, . . . .	Annie J. Page.
Spaulding School, . . . .	Viola Sturgis, Ethel L. Buckley.
Hill School, . . . .	Mary A. Hosmer.
Crosby School, . . . .	Grace L. Knowles.

### KINDERGARTEN.

\*Linda F. Chisholm, Principal; Nina B. Wood, Assistant.  
\* Private.

### TRUANT OFFICERS.

Precinct 1—E. W. Livingston. Precinct 2—Martin Conway, Jr.

## Report of the School Committee.

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To the Citizens of Billerica:

Your committee takes pleasure in submitting its report for the past year. The progress of the pupils has been very satisfactory, which is due largely to the perfect harmony existing between the teachers and the superintendent, and to their faithful work. We feel satisfied from reports that we have received from pupils who have moved from this town and entered schools elsewhere in the State, that our schools are above the average.

We were assured that it was for the best interest of the town to form a union with the town of Hudson, which we did, acting under the law of 1900, Section 1, Chapter 248:

The school committee of each town or city in the Commonwealth may, and after July first in the year nineteen hundred and two shall, employ, at the expense of the town or city, a superintendent of schools, who, under the direction and control of the committee, shall have the care and control of the public schools; provided that nothing herein contained shall be construed to dissolve existing unions for the employment of a superintendent, or to prevent towns from uniting for such employment under the provisions of sections forty-four and forty-five of chapter forty-four of the Public Statutes, or of sections six and seven of chapter four hundred and sixty-six of the acts of the year eighteen hundred and ninety-eight.

We wish to express our thanks to the voters of the town for their generous response to our request for an appropriation to build a school-house at North Billerica.

The new Talbot School was completed and opened early in January. We feel that the citizens should be proud of this building, and we earnestly request a thorough investigation, in order that all may know what a good one it is.

The school-houses of the outlying districts should be painted this year, which we shall endeavor to have done from our appropriation.

We respectfully call your attention to the reports of the building committee of the new Talbot School building, our superintendent, and the special teachers.

On Wednesday preceding the first Thursday of each month, at 7.15 P. M., the School Committee holds a regular meeting at the Town Hall.

After careful consideration, your committee makes the following estimate for the ensuing year:

Teachers' salaries .....	\$6,566 00
Superintendent of schools .....	375 00
Conveyance of pupils .....	700 00
Sundries .....	200 00
Books and supplies .....	700 00
Sundries .....	200 00
Janitors .....	950 00
<hr/>	
Total .....	\$10,591 00
Less the State fund .....	375 00
<hr/>	
	\$10,216 00

Your committee, therefore, recommends that \$9,000, in addition to the dog tax, be raised and appropriated for the support of schools.

FRED A. CASEY,  
A. BOTTOMLEY,  
MAURICE A. BUCK,  
School Committee.



## Financial Statement.

### RESOURCES.

Appropriation .....	\$9,000 00
Massachusetts school fund .....	588 08
From State on account of Supt.....	625 00
Refunded dog tax .....	361 95
Received for coal .....	72 00
Received for repairs .....	7 50
For conveyance .....	550 00

Total .....	\$11,204 53
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### LIABILITIES.

Teachers' wages .....	\$6,555 59
Conveyance of pupils .....	568 55
Fuel .....	904 16
Janitors .....	726 16
Truant officers .....	22 75
Superintendent of schools .....	770 00
Text-books and supplies .....	629 49
Repairs .....	519 09
School sundries .....	285 34
Union Hall .....	135 00
Water tax .....	63 64

Total .....	\$11,179 77
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Balance unexpended .....	\$24 76
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### RECAPITULATION.

#### RESOURCES.

Appropriation .....	\$9,000 00
From State on account of Supt.....	625 00
Refunded dog tax .....	361 95
From sale of coal .....	72 00
Received for repairs .....	7 50

Total .....	\$10,066 45
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## LIABILITIES.

Teachers' salaries .....	\$5,971 96	
Conveyance of pupils .....	27 55	
Janitors .....	726 16	
Fuel .....	904 16	
Truant officers .....	22 75	
Superintendent of schools .....	770 00	
Text-books and supplies .....	629 49	
Repairs .....	519 09	
School sundries .....	285 34	
Union Hall .....	135 00	
Water tax .....	63 64	
	<hr/>	
Total .....		\$10,055 14
		<hr/>
Unexpended .....		\$11 31
For conveyance of pupils from Shaw- sheen District .....	\$200 00	
Expended .....	191 00	
	<hr/>	9 00
For conveyance of pupils above sixth grade .....	\$350 00	
Expended .....	350 00	
	<hr/>	0 00
Massachusetts school fund .....	\$588 08	
Expended .....	583 63	
	<hr/>	4 45
		<hr/>
Total unexpended .....		\$24 76

## Report of the Superintendent of Schools.

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To the School Committee of Billerica, Mass.:

Gentlemen—I herewith present the twelfth report of the public schools of Billerica.

It is gratifying to say that we are now getting the best results that have been obtained since my relation with the schools. The instruction in the various grades is becoming more systematic and better adapted to the intellectual growth of the child. New books are constantly being introduced and so arranged as to best supplement the teaching. Promotion is more flexible, being made at any time and in any study. Closer attention is given to the individual pupil. Most of the work being done in our schools is very satisfactory, in many cases commendable. When compared with the conventional standard, most of our schools are well up to the average. During the past year a few changes, worthy of mention, have been made.

### THE NEW TALBOT SCHOOL BUILDING.

This building is very satisfactory. Few towns in the Commonwealth, of the size of Billerica, can boast of a better one. During the past two years no building as good as this one has been built for so little money. Great praise is due the building committee.

The apparent change in the schools of the North, since they went from the old building to the new one, can scarcely be expressed. It was like going from the gloom of a storm into the sunshine of fair weather. The children have not that restless appearance, and do not wear that heavy look. The frowns and the wrinkled brows of the teachers have given away to smiles and halos of happiness. It is, indeed, a pleasure, while passing in the corridors, to glance through the glass doors upon the happier condition.

I predict that there will be a marked improvement in the schools of this building. Now is the time, while the incentive of the new building is the strongest, for the teachers and parents to create in the pupils a better attitude for the care of public property.

The same method of promotion will now be used in this school that is working so admirably at the Pollard. Hitherto it has not been possible, because a part of the school has been at Union Hall. There is no reason why we should not now have a first-class school.

## SCHOOL ACCOMMODATIONS.

Three years ago the school accommodations in this town were the poorest in the State. Now they are among the best. For this the School Committee is to be congratulated.

A large amount of money has been expended from special appropriations, and quite a little from the regular appropriation. What hitherto has been expended for repairs can now be used for improving the efficiency of the schools.

## REPORTS.

The monthly reports have been discontinued. They came to be regarded as a matter of course, and little or no attention was given to them. In many cases the pupil's standing fell off gradually from month to month, until it was too late to amend matters.

Under the present method of reporting, the parents are notified of the first indication of unsatisfactory results in either work or conduct on the part of the pupil. As a result of this, teachers have been more watchful, and parents have given better co-operation. Thus far, the teachers approve of this new method. I should be pleased to hear from any of the parents concerning the matter.

Parents may know that their children will be promoted if they receive no adverse report concerning them from the teacher.

## COST PER PUPIL.

Amount raised and appropriated for each child in the average membership of the public schools of Billerica and some of the neighboring cities and towns:

Lexington, \$30.75; Lowell, \$28.51; Concord, \$27.94; Wilmington, \$21.90; Tewksbury, \$20.65; Billerica, \$20.55; Hudson, \$19.92; Carlisle, \$18.19.

The average membership of the schools of Billerica, including the High School, for the year ending 1900 was 455.12. This is the number used in getting the above data for Billerica. Since the town does not support the High School, the above computation should be made on the average membership of the pupils in the grades. This would give the cost per pupil some more than \$22.

If we should add the cost of running the High School to the present cost of running the schools, and then find the cost per pupil based on the average membership of both the High School and those of the grades, the cost per pupil would be over \$26.

The salaries paid the teachers in this town, as a whole, are low, and the cost of books and supplies has been extremely low, yet the cost per pupil is high. This indicates that something is wrong. The principal fault is that there are too many small schools. If our schools should average 45 pupils, as they do in some places, we should have but nine schools, instead of fourteen.

The average cost per pupil, for teachers, in the different schools, is as follows:

Talbot School .....	\$10 35
Pollard School .....	14 50
Spaulding School .....	16 52
Richardson School .....	18 01
Hill School .....	29 16
Crosby School .....	46 91

Next year, unless some pupils move into the Hill District, there will be but seven pupils to attend this school. It is quite probable that three of these will move away. If this should



be the case, there would be but four left. The average membership would be less than four. The cost per pupil, as determined above, would be over \$85.

It would be better for the pupils, and a financial saving to the town, if the pupils of both this district and the Crosby should go to the Pollard School.

If the pupils of these two schools should go to the Pollard School next year, the expense for conveyance would be about \$100 more than it now is. The expense of running these two schools is about \$800. The net saving to the town would be about \$700, and the accommodation for the pupils would be much better than at present.

The Pollard School building would easily accommodate all the pupils of the outlying districts. If the pupils of these districts should all go to the Pollard School, the cost per pupil for teachers, at the present salaries and based on the average membership of last year, would be \$10.01. The number of pupils to a room would be 43, which is not a large number.

If all the pupils of the outlying schools should go to the Pollard School, it would cost for conveyance about \$400 more than it is now costing. The expense of running these schools is about \$1,800. The net saving to the town would be about \$1,400, and the pupils would receive better accommodations.

## READING.

Excellent progress is being made in reading and in the study of literature.

In learning to read, the word method is used in the first part of the first year, during which time a few sounds of letters are introduced. The teaching of sounds by an analytical method is introduced during the last half of the first year; and, from the sounds already learned, words are built by a synthetical process.

Special attention is given to oral reading. Some of the standard poems are memorized and recited in all the grades. From the books now in use a list of these poems has been selected and placed in the hands of the teachers. A well-defined course in literature is being followed.

New arithmetics have been purchased for all the schools. Nichols' Graded Lessons in Arithmetic are used in the fourth,



fifth, sixth and seventh grades, and Wentworth's Practical Arithmetic in the eighth and ninth grades.

Next year new geographies and books of English composition must be put into all grades using these books.

### DRAWING.

Your attention is respectfully called to the report of the supervisor of drawing.

In this report attention is called to the inability of the pupils in the higher grades to measure one-half or three-quarters of an inch. Out of fairness to the teachers and justice to the pupils, it should be said that some attention is given to measurements in the lower grades, and that in a recent test pupils of the third and fourth grades measured one-half, one-quarter and three-quarters of an inch, with quite a degree of accuracy. Pupils in the higher grades measured to sixteenths of an inch with pencil and ruler. In no case did they vary more than the width of a pencil mark. This is as good as could be expected with the instruments used.

### MUSIC.

The supervisor of music has attempted, in his report, to show that the teaching of any branch by rote is folly, and is without foundation.

I know that it is no place in the school report to make a discussion. Indeed, there is no need for so doing, for the supervisor defeats his whole argument when he admits that the proper place to learn the sounds of music is in the lower grades, and then states that the foundation is here laid for teaching music by note. Here he certainly admits that the first work done in music is by rote, or by some method other than note.

If, as he says, music is not unlike any other branch of study in its practical development, I am prepared to say that it would be impossible to teach reading without a large amount of rote work, and I believe such is the case in regard to music.

A child can not make musical tones until he has first heard them. Neither can he use them in making musical composition, nor sound them when found in musical composition, before he has first repeated them over and over, until they have become

so fixed that they may be habitually used. If this can be done by any other method than rote, I wish it might be introduced into the public schools.

It does not matter whether the tones are developed by the sound of "loo," "do, re, mi," or by words in a metrical composition. In either case it is rote. I believe that the metrical composition or song at some stages is far preferable. If voice culture is the thing in view, sounds should be used that are suitable for the occasion.

In teaching music, two things are to be sought: teaching the tones, and training the voice. In our schools more attention should be given to voice training.

From the very beginning the technique of music might be slowly introduced. Tones, pitch, time, quality, force, rhythm, melody, harmony, etc., must all be learned from observation, imitation or rote. These things that are to become habits must be done over and over again, until they are habits. From these facts the pupils should pass to laws by induction and back to practical methods by deduction.

Reading to quite a degree must be taught by rote. Literature may be taught children even before they can read, provided the method be by rote. Should literature be taught by rote? Who can not remember of being thrilled while listening, in childhood, to the reading of some beautiful poem? Before I could read a single word, breathless I would listen to the reading of "Woodman, Spare that Tree," and, although I scarcely knew a single word spoken, the spirit of that poem, in some mysterious way, so affected me that its impress is still fresh.

A short time ago, Mr. MacDonald, of the State Board of Education, read before one of my schools a part of the poem, "Forty Years Ago." When he stopped, I heard in the stillness of the room a little girl sigh, "I wish he would read the rest." I asked Mr. MacDonald to finish the piece, which he kindly did.

Some time afterwards I asked the pupils of that school to select the poem that they liked the best. Nearly every pupil selected "Forty Years Ago." A number of the pupils could read it with quite a degree of the expression with which Mr. MacDonald rendered it some three months before.

If reading to the pupils is rote teaching, Mr. MacDonald educated those children more in five minutes by rote than he could have in five years by using some of the methods of reading now in use in our schools. It does not matter whether the pupils understood the words or grasped the ideas of the poem. In some way they imbibed the spirit that had, to some degree, the power of transformation.

Whittier, in his introduction to "Child Life in Poetry," has beautifully said: "I well remember how, at a very early age, the solemn organ-roll of Gray's *Elegy* and the lyric sweep and pathos of Cowper's *Lament for the Royal George* moved and fascinated me with a sense of mystery and power felt, rather than understood. A spirit passed before my face, but the form thereof was not discerned. Freighted with unguessed meanings, these poems spake to me, in an unknown tongue, indeed, but, like the winds in the pines or the waves on the beach, awakened faint echoes and responses, and vaguely prophesying of wonders yet to be revealed."

If this is teaching children literature by rote, and if, as the supervisor tells us, the teaching of music is practically the same as that of literature, I would suggest that the supervisor of music so sing a song or two to the pupils of the lower grades that their very souls would awaken to the life of the song and move responsive to the charm of the music.

Come what may, let us hold to the rote method in teaching reading and literature to young children.

Your attention is called to the report of the principal of the High School, and to those of the supervisors of music and drawing.

Respectfully submitted,

J. G. MORRELL.

## Report of the Principal Of the Howe School.

Billerica, Mass., February 19, 1902.

Mr. James G. Morrill, Superintendent of Schools, Billerica, Mass.:

Dear Sir—Again I seek to answer your request for a report from the Howe High School.

I fancy that a man in business has plans for increasing and developing his plant, which would require several years to realize. It is none the less true of one upon whom the responsibility of an institution, of whatever size, may fall.

The Howe School is growing in numbers, and at the same time we believe that it is growing in efficiency. May I call your attention to a few statistics, which are of interest and significance.

YEAR.	Number of pupils at the beginning of the year.	Number of pupils at close of year.	Per cent. of pupils who left school during the year.	Number of pupils entering in September of the year.	Number of pupils thus entering who have completed the course or still remain in school.
1897-1898.....	54	44	18.5%	21	6
1898-1899.....	43	37	13.9%	16	8
1899-1900.....	44	40	9.1%	19	11
1900-1901.....	49	46	6.1%	20	16
1901-1902.....	62	59	4.8%	23	*22

\*22 is the number at the beginning of the second half-year.

I wish to call your attention to the first set of figures, which indicates the number of pupils at the beginning of each year. The marked difference between 54 and 43 is explained by three facts. The first is, that the first class of any considerable size to graduate of the reorganization of the programme of studies, graduated in June, 1898. There were ten in the class of '98. The second reason is connected with the transition from the eight to nine grade system. The third is the raising of the standard of examinations. The effect of these last two reasons will be shown by noticing that but 16 pupils were admitted in September, '98, as compared with 21 in September, '97.

Beginning with September, '98, a gradual increase is noticed in the number of pupils admitted, and the total number attending the school. At the same time the per cent. of pupils leaving school during the year shows a constant decrease. These facts are explained, I believe, in two ways. The first lies in the increased efficiency of the work in the Grammar Schools. The pupils come to the Howe School far better prepared. One look at the rank books of the first year's work of each class will convince one of this. Not only do they know more, but they know how to do more. The second reason for this more stable appearance lies in the Howe School itself. I make bold to say that the pupils show more and better interest in their work, and are beginning to look upon the High School not as a dreaded necessity, but as an opportunity.

In the last set of figures there is an element of injustice in their results. But what I want to indicate is that there is an increasing tendency shown by the pupils to complete the High School course. It is very noticeable, and very satisfying.

The trustees have been to considerable expense in fitting up the basement of the building. The entire basement has been cemented. Sanitary closets have been put in with running water. These are connected with a cesspool back of the building. The old outhouses have been removed, and the grounds back of the building have been improved greatly thereby. Not only is the result an improvement in the sanitary condition, but also it gives a general appearance more pleasing to the eye.

The graduating exercises have heretofore consisted of essays and class parts given by each member of the graduating



class. The advantages of such a system are many, but its disadvantages are also many. These exercises come at a time of the year when the pupil is more or less exhausted by the year's work, and by the extreme heat. The parts require a great amount of work; their results are of no value to the pupil. They are not an exhibition of the pupil's capacity, nor of his school work. They are nothing more or less than a showing off at the expense of the already exhausted condition of the pupil. There is still another disadvantage. However interesting and inspiring such a programme may be, a hot afternoon in June will do much to detract from its pleasure. Three hours is too long for such a programme.

Taking into consideration all these things, it has seemed best to the trustees to change the system somewhat. Hereafter, there will be but four parts at the graduating exercises. The members of the class who are to deliver these parts will be chosen by the class, subject to the approval of the principal. We believe that the graduating day should be a day of pleasure for the pupils, and not a day of torture.

At the close of the spring term, Miss Vivian B. Small, who had been in the school for nearly three years, resigned, to accept a position in the Latin department at Mt. Holyoke College. Mr. Eugene C. Vining was elected to the position. His work speaks for itself. His interest in the pupils and his keen judgment of persons give him unusual advantages as a teacher.

We hope that the school is of as much advantage to its pupils as we wish it to be. It still has several unsolved problems, but the slow growth is best.

Very respectfully,

EARL C. DAVIS,  
Principal of Howe School.



## Report of Instructor of Music.

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Mr. J. G. Morrill, Superintendent of Schools:

Dear Sir—In compliance with your request, accept the following report from the musical director:

"Are Rote Songs Educational?" Some of the claims of the advocates of rote singing are stated as follows: (1) "As the child learns to talk before he learns to read, so he must learn to sing before he learns to read music." (2) "Songs are a source of pleasure and recreation to the children." (3) "The songs learned in childhood are never forgotten." (4) "Children learn first by imitation and, therefore, must learn songs before learning to read music." (5) "Songs are entertaining to visitors," etc. If the teacher has no other and better motives in teaching children rote songs than these, I agree that the special teacher, as far as his rote songs are concerned, is an expensive luxury. "It is just this rote singing principle that prevents us from being a music reading people, and it should not be encouraged, either in school or out of it." If rote songs do cultivate the powers of imitation and memory, which is very doubtful, they do not do so in an educational sense. Although a thousand songs should be memorized by a child, he has not progressed one step towards a technical and practical musical education, but, on the other hand, has put him where it is doubtful if he ever will be a musician, because he has taken the wrong road. I believe in cultivating the powers of imitation and memory, but by a far different method and far different means. We have already had too much time spent teaching rote songs in our public schools, and it is high time that we consider the subject from a more practical and educational point of view. When we learn to teach music upon the same principles as we teach any other school study, we shall obtain corresponding educational results, and not before. From an educational point of view, music is not unlike any other branch of study in its practical development. To learn music

by rote is no more practical than to learn arithmetic or any other study by rote. The object of a practical education in any subject is to enable the student to deal with the facts in any and every variety of form. I do not care what beautiful figures a child can make, nor how glibly or eloquently he can repeat all the rules in his arithmetic; if he has not mastered the principles and learned to deal with the facts, he has not been practically educated in arithmetic. What is true in this study as to the practical results is equally true in music. Knowledge in music is in the thinking and not in memorizing. The most favorable time in the whole school life for acquiring a knowledge of these sounds, and thus laying a solid foundation for intelligent singing by note, is the lowest class in the primary school. If children were allowed to come up to the grammar grades without being able to read the language, illiteracy would be an unavoidable result with a large percentage of the population, and musical illiteracy will continue to prevail, so far as any really practical results are concerned, until the mechanics of reading vocal music are thoroughly mastered in the primary grades. It is hardly necessary to state that the study of music should be continued through the High School to the great good of all concerned. It is only within comparatively few years that music has been recognized as a regular study in the High School, and if we really believe that music contributes more towards soul expansion than any other branch of study, can we conscientiously leave the High School out of our calculations? In the town of Billerica the rudiments of music have become common property. The Sunday schools and church choirs are made up from singers in the public schools. Public school concerts have always been deservedly popular, giving great pleasure to both parents and children.

In conclusion, I take this opportunity of expressing my thanks to the committee, superintendent, teachers, parents and citizens for their courtesy and co-operation the past year.

Very respectfully,

J. AVISON BAKER.

## Report of Instructor in Drawing.

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Mr. J. G. Morrell, Superintendent of Schools:

This year we have followed as closely as prevailing conditions would permit, the course in industrial drawing outlined by Henry Turner Bailey and Walter Sargent, State agents for the promotion of industrial drawing. It is a line of work in harmony with what is actually being done at the present time under some of the most able supervisors of drawing in the State.

Much benefit might be derived by both girls and boys in our schools if mechanical drawing could be introduced in the upper grades. It would result not only in the ability to make and read working drawings, but also in a feeling and conception of accuracy and precision in work which is at present entirely wanting in our classes. For this work a suitable but not necessarily expensive outfit of instruments is indispensable.

We have advantages this year over what we have ever had before. The new building at the North District makes it possible for the children to have the advantage of much illustrative material, which it was impracticable to leave exposed to the untidy conditions which prevailed in the old building.

Mr. H. S. Clark has generously placed in the Talbot Library a collection of books related to art, which is as full and valuable as many large towns possess. It is hoped that the teachers and pupils will avail themselves of the opportunities thus offered to obtain some general information concerning the great masters and masterpieces of painting, sculpture, architecture and ornament.

Faithful and painstaking work in drawing is being done by most of our teachers.

Very respectfully,

MARGARET E. HILL.

## Statistics.

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Number of boys between the ages of five and fifteen, per census .....	249	
Number of girls between the ages of five and fifteen, per census .....	219	
	—	468
Decrease from last year .....		36
Number of boys between the ages of seven and fourteen, per census .....	166	
Number of girls between the ages of seven and fourteen, per census .....	154	
	—	320
Increase from last year .....		34
Enrollment of pupils in the elementary schools...	471	
Enrollment of pupils in the High School .....	49	
	—	520
Increase from last year .....		12
Enrollment of children in the Kindergarten.....		24
Average membership in the elementary schools..		418.81
Average membership in High School .....		47.40
Per cent. of attendance in elementary schools....		93.27
Per cent. of attendance in High School .....		94.49



SCHOOL.	TEACHER.	Enrollment.	Average Membership.	Average Attendance.	Per cent of Attendance.	Salary.	Time in Months and Days.
Talbot	{ Grammar.....	47	43.15	40.14	93.24	\$60 00	8 mos., 19 ds.
	{ Sub. Grammar.....	56	51.71	48.50	93.79	50 00	9 mos., ½ d.
	{ Intermediate.....	32	31.62	28.44	89.94	40 00	9 mos., 1 d.
	{ Primary.....	55	47.93	44.23	92.28	40 00	8 mos., 18½ ds.
	{ Margaret E. Tracy.....						
Pollard	{ Grammar.....	34	30.12	27.48	90.97	60 00	8 mos., 8½ ds.
	{ Sub. Grammar.....	36	29.49	29.15	97.73	40 00	8 mos., 12 ds.
	{ Intermediate.....	30	28.81	27.38	91.8	40 00	8 mos., 12 ds.
	{ Primary.....	41	31.	27.42	88.45	40 00	8 mos., 16 ds.
	{ Ninth Grade.....	32	31.13	29.43	94.	36 00	8 mos., 8½ ds.
Mixed	Union Hall.....	39	33.02	35.90	91.92	35 00	9 mos., 4 ds.
	{ Richardson.....	24	21.09	19.46	92.32	40 00	9 mos., 1 d.
	{ Crosby.....	9	7.29	6.49	89.06	36 00	8 mos., 11¼ ds.
	{ Hill.....	12	11.75	9.92	84.36	36 00	8 mos., 16 ds.
	{ Spaulding.....	25	20.70	17.07	82.50	36 00	9 mos., 4 ds.
	{ S. B. Cunningham.....					35 00	
	{ Viola B. Sturgis.....						
	Totals and Averages.....	471	418.81	390.61	93.27	.....	.....
Howe School	E. C. Davis, Principal.....	49	43.69	47.40	94.49	.....	.....
	—Vining, Assistant.....					.....	.....
	Totals and averages.....	520	462.50	438.01	94.07	.....	.....
Kindergarten (Private.)	Linda F. Chisholm, Principal.....	24	.....	.....	.....	.....	.....
	Nina B. Wood, Assistant.....		.....	.....	.....	.....	.....

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